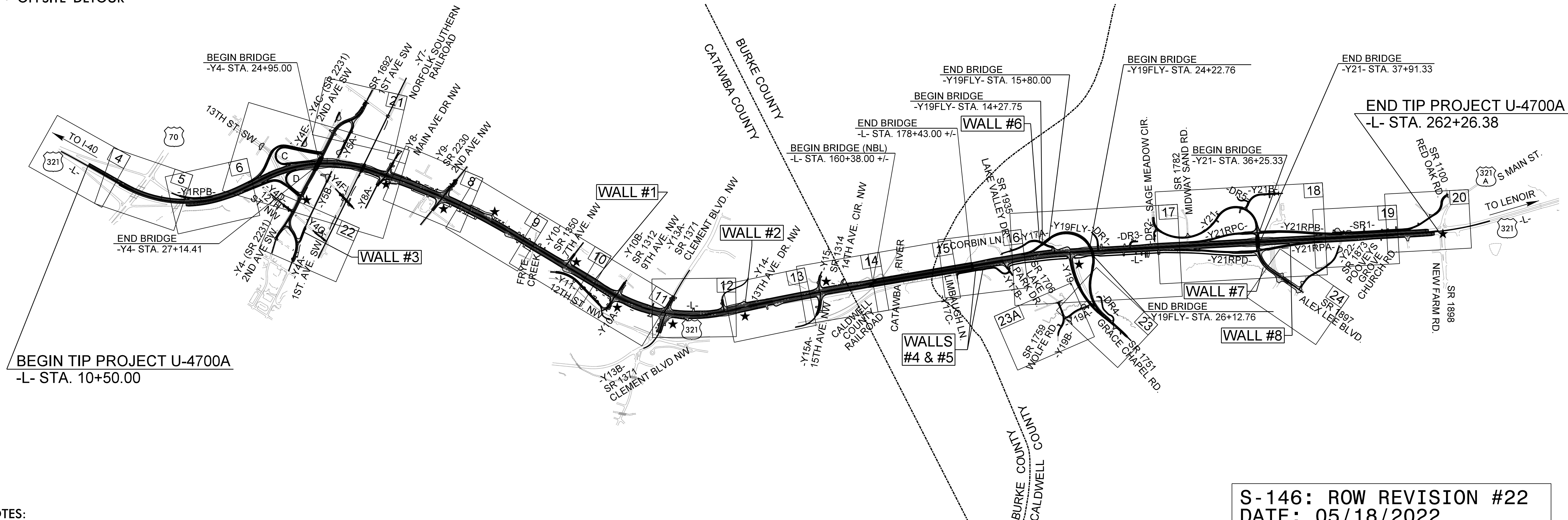
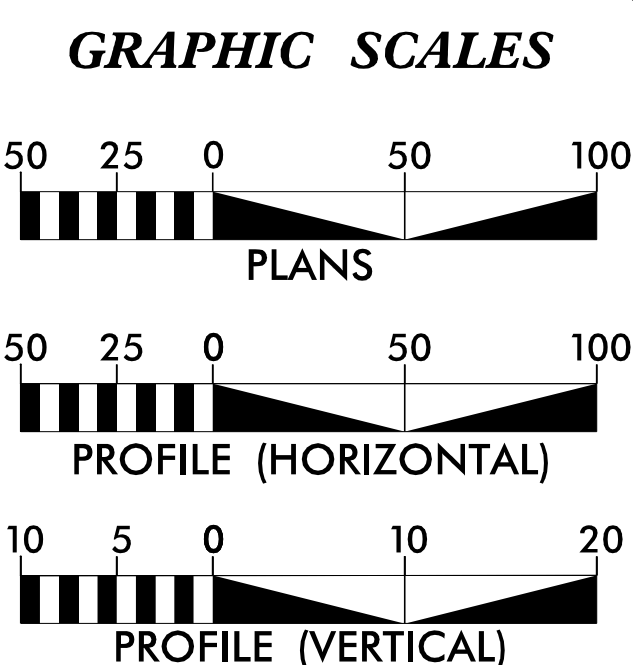


CONTRACT:



★ TRAFFIC SIGNAL

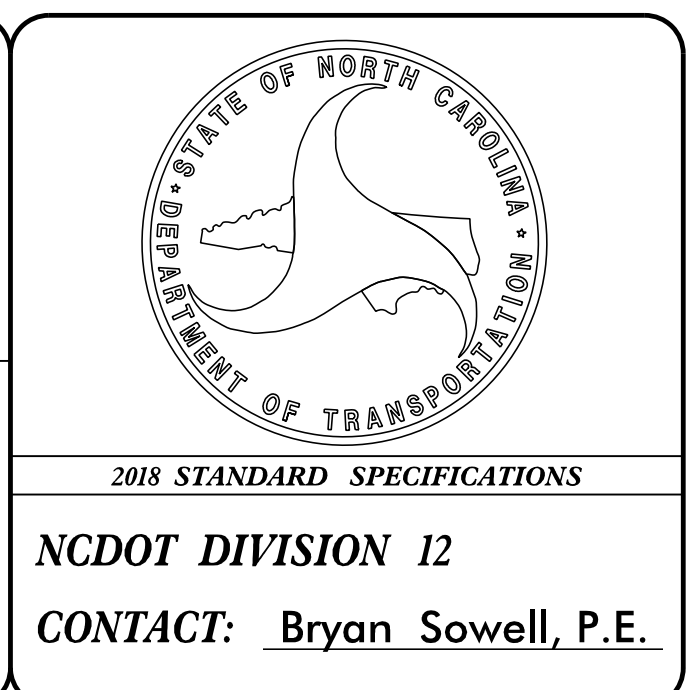


DESIGN DATA
 ADT 2021 = 50,135
 ADT 2041 = 57,490
 V = 60 MPH
 DHV = 9%
 D = 60%
 T = 8% *
 (* TTST = 4% /* DUAL = 4%)
 FUNC CLASS = ARTERIAL
 STATEWIDE TIER
 DESIGN EXCEPTIONS AS
 NOTED ON PLANS

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

PLANS PREPARED BY:  P: (919) 878-9560 8601 Six Forks Road, Forum 1, Suite 700 Raleigh, North Carolina 27615-3960 NC License No. F-0112 Engineers Construction Managers Planners Scientists www.rkk.com Responsive People Creative Solutions	
FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
<u>RIGHT OF WAY DATE:</u> <u>September 30, 2019</u>	Brandon McInnis, P.E. PROJECT ENGINEER
<u>LETTING DATE:</u> <u>August 19, 2025</u>	Mary Mays Yahl, P.E. PROJECT DESIGN ENGINEER

	<i>HYDRAULICS ENGINEER</i>
SIGNATURE:	P.E.
<i>ROADWAY DESIGN ENGINEER</i>	
SIGNATURE:	P.E.



STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS
CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin	
Computed Property Corner	
Property Monument	
Parcel/Sequence Number	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water	
Contaminated Site: Known or Potential	

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	
Sign	
Well	
Small Mine	
Foundation	
Area Outline	
Cemetery	
Building	
School	
Church	
Dam	

HYDROLOGY:

Stream or Body of Water	
Hydro, Pool or Reservoir	
Jurisdictional Stream	
Buffer Zone 1	
Buffer Zone 2	
Flow Arrow	
Disappearing Stream	
Spring	
Wetland	
Proposed Lateral, Tail, Head Ditch	
False Sump	

RAILROADS:

Standard Gauge	
RR Signal Milepost	
Switch	
RR Abandoned	
RR Dismantled	

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	
Primary Horiz Control Point	
Primary Horiz and Vert Control Point	
Exist Permanent Easment Pin and Cap	
New Permanent Easement Pin and Cap	
Vertical Benchmark	
Existing Right of Way Marker	
Existing Right of Way Line	
New Right of Way Line	
New Right of Way Line with Pin and Cap	
New Right of Way Line with Concrete or Granite R/W Marker	
New Control of Access Line with Concrete C/A Marker	
Existing Control of Access	
New Control of Access	
Existing Easement Line	
New Temporary Construction Easement	
New Temporary Drainage Easement	
New Permanent Drainage Easement	
New Permanent Drainage /Utility Easement	
New Permanent Utility Easement	
New Temporary Utility Easement	
New Aerial Utility Easement	

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	
Existing Curb	
Proposed Slope Stakes Cut	
Proposed Slope Stakes Fill	
Proposed Curb Ramp	
Existing Metal Guardrail	
Proposed Guardrail	
Existing Cable Guiderail	
Proposed Cable Guiderail	
Equality Symbol	
Pavement Removal	

VEGETATION:

Single Tree	
Single Shrub	

*S.U.E. = Subsurface Utility Engineering

Hedge	
Woods Line	
Orchard	
Vineyard	

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	
Bridge Wing Wall, Head Wall and End Wall	
MINOR:	
Head and End Wall	
Pipe Culvert	
Footbridge	
Drainage Box: Catch Basin, DI or JB	
Paved Ditch Gutter	
Storm Sewer Manhole	
Storm Sewer	

UTILITIES:

POWER:	
Existing Power Pole	
Proposed Power Pole	
Existing Joint Use Pole	
Proposed Joint Use Pole	
Power Manhole	
Power Line Tower	
Power Transformer	
U/G Power Cable Hand Hole	
H-Frame Pole	
U/G Power Line LOS B (S.U.E.*)	
U/G Power Line LOS C (S.U.E.*)	
U/G Power Line LOS D (S.U.E.*)	

TELEPHONE:

Existing Telephone Pole	
Proposed Telephone Pole	
Telephone Manhole	
Telephone Pedestal	
Telephone Cell Tower	
U/G Telephone Cable Hand Hole	
U/G Telephone Cable LOS B (S.U.E.*)	
U/G Telephone Cable LOS C (S.U.E.*)	
U/G Telephone Cable LOS D (S.U.E.*)	
U/G Telephone Conduit LOS B (S.U.E.*)	
U/G Telephone Conduit LOS C (S.U.E.*)	
U/G Telephone Conduit LOS D (S.U.E.*)	
U/G Fiber Optics Cable LOS B (S.U.E.*)	
U/G Fiber Optics Cable LOS C (S.U.E.*)	
U/G Fiber Optics Cable LOS D (S.U.E.*)	

WATER:

Water Manhole	
Water Meter	
Water Valve	
Water Hydrant	
U/G Water Line LOS B (S.U.E.*)	
U/G Water Line LOS C (S.U.E.*)	
U/G Water Line LOS D (S.U.E.*)	
Above Ground Water Line	

TV:

TV Pedestal	
TV Tower	
U/G TV Cable Hand Hole	
U/G TV Cable LOS B (S.U.E.*)	
U/G TV Cable LOS C (S.U.E.*)	
U/G TV Cable LOS D (S.U.E.*)	
U/G Fiber Optic Cable LOS B (S.U.E.*)	
U/G Fiber Optic Cable LOS C (S.U.E.*)	
U/G Fiber Optic Cable LOS D (S.U.E.*)	

GAS:

Gas Valve	
Gas Meter	
U/G Gas Line LOS B (S.U.E.*)	
U/G Gas Line LOS C (S.U.E.*)	
U/G Gas Line LOS D (S.U.E.*)	
Above Ground Gas Line	

SANITARY SEWER:

Sanitary Sewer Manhole	
Sanitary Sewer Cleanout	
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Forced Main Line LOS B (S.U.E.*)	
SS Forced Main Line LOS C (S.U.E.*)	
SS Forced Main Line LOS D (S.U.E.*)	

MISCELLANEOUS:

Utility Pole	
Utility Pole with Base	
Utility Located Object	
Utility Traffic Signal Box	
Utility Unknown U/G Line LOS B (S.U.E.*)	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc.	
A/G Tank; Water, Gas, Oil	
Geoenvironmental Boring	
U/G Test Hole LOS A (S.U.E.*)	
Abandoned According to Utility Records	
End of Information	

8/17/99

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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PARCEL INDEX SHEET

PROJECT REFERENCE NO.
U-4700A

SHEET NO.
3P-1

R/W SHEET NO.

SHEET 1 OF 3

REVISIONS

ROW

Revision #5 - 02/14/2020 - Combined parcels #29 & #43 Into one parcel #29. Combined parcels #64 & #69 Into one parcel #64

ROW

Revision #7 - 03/17/2020 - Combined parcels #73 #82 & #230 Into one parcel #73. Combined parcels #48 #49 & #50 Into one parcel #48. Combined parcels #57 & #58 Into one parcel #57. Revised names on Parcels #36 #41 & #48.

ROW

Revision #8 - 04/07/2020 - Added Parcels #43 #49 & #50.

ROW

Revision #9 - 08/05/2020 - Combined Parcels #44 & #45 Into one parcel #44. Combined parcels #61 & #62 Into one parcel #62.

ROW

Revision #11 - 04/23/2021 - Split parcel #44 Into parcels #44 & #45.

ROW

Revision #12 - 08/27/2021 - Combined parcel #16 Into #15. Revised property owner on parcel #79.

ROW

Revision #17 - 02/09/2022 - Combined parcels #31 and #249 Into one parcel #249. Split parcel #64 Into parcels #64 and #69.

ROW

Revision #19 - 02/24/2022 - Changed property owner names on parcels #33 #41 #48 #51 and #89.

ROW

Revision #19 - 02/24/2022 - Added parcels #132 #81Z and #30A.

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
1	JIA HAO LIN	7
2	AKESHIA L MACK	7
3	CALVIN W JOHNSON SHANNON L JOHNSON	7
4	ERIC L YOUNG	7
5	JESUS P MARTINEZ ISELA HERNANDEZ	7
6	DEVORA Y O'LOUGHLIN	7
7	DOUGLAS WILSON SUSAN K WILSON	7
8	WINFIELD B LAIL, JR	7
9	MARGARET ELLEN MCINNIS MARIE RITA CHESLEY	7
10	PHALCON PROPERTIES, LLC	7
11	FIRST CHURCH OF GOD HICKORY, INC	7
12	DUKE ENERGY CAROLINAS, LLC	7, 21
13	G&H REAL ESTATE HOLDINGS, LLC	7, 21
13Z	G&H REAL ESTATE HOLDINGS, LLC	7, 21
14	CITY OF HICKORY	7
15	DUKE ENERGY CAROLINAS, LLC	7
16	DUKE ENERGY CAROLINAS, LLC	7
17	BOB BARRINGER, LLC	7
18	JENRETTE REAL ESTATE, LLC	7, 8
19	MAXIMUM INVESTMENTS, INC	7, 9
20	VALENCIA PROPERTIES, LLC	7, 22
21	MILD RED, LLC	7
22	ALLIE GRIER MOORE, JR DEBRA JEAN MOORE	7
23	MICHAEL MAULDING SHARON MAULDING	7
24	ALLIE GRIER MOORE, JR DEBRA JEAN MOORE	7
25	ALLIE GRIER MOORE, JR DEBRA JEAN MOORE	7
26	RICKY DEAN LYNCH PATRICIA MILLER LYNCH	7
27	WILLIAM HENRY GRAHAM RACHEL LITTLE GRAHAM	7
28	VANCE TURNER JAMES, JR	7
29	MITLOOP, LLC	7, 8
30	WESTVIEW METHODIST CHURCH	7

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
30A	WESTVIEW METHODIST CHURCH	7
31	NOT USED	---
32	HASKEL EDWARD WATSON	7, 22
33	JENRETTE REAL ESTATE, LLC	8
34	DAVID GARCIA BERNAL	8
35	BUMGARNER OIL COMPANY, INC	8
36	DUMONDE INC.	8
37	MIRIAM H SLUDER DAVID L HELTON	8
38	CHRISTIE LOVE OAKLEY	8
39	SJ GEORGIA INVESTOR LLC	8
40	PRIME RENTALS LLC	8
41	JACK STRAW PROPERTIES, LLC	8
42	WIMBISH FAMILY PROPERTIES LLC	8, 9
43	STEPHEN EDWARD WILSON	7
44	BROWN LEGACY PROPERTIES, LLC	8
45	BROWN LEGACY PROPERTIES, LLC	8
46	KENNETH BROWN, GLORIA BROWN, CARSON QUINN BROWN	8
47	SRW, INC	8
48	HICKORY HWY 321, LLC	8
49	DAVID N. WEBBER	7
50	G AND M RENTALS, LLC	7
51	NCN INVESTMENTS, LLC	8
52	KJC PROPERTIES, LLC	8, 9
53	T&R INVESTMENTS OF CATAWBA VALLEY	9
54	ROGER D PITTS LYNN B PITTS	9
55	MARY HAZEL WILLI ABERNETHY	9
56	ROBERT L CLARK REVOCABLE TRUST	9
57	NORA FRYE ABERNATHY HEIRS	9
58	NOT USED	---
59	HUFFMAN FAMILY PROPERTIES, LLC	9, 10
60	NOT USED	---

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
61	INSTITUTION FOOD HOUSE INC	9
62	NOT USED	---
63	CATAWBA COUNTY ABC BOARD	9
64	MDI MANAGEMENT INC	9, 10
65	TSG REAL ESTATE LLC	10
66	HICKORY 321 LLC	10
67	SUE MCMANUS HOWELL	10
68	CORNING CABLE SYSTEMS LLC	10, 11
69	MDI MANAGEMENT INC	10
70	RETAIL PROPANE COMPANY LLC	10, 11
71	WUEST WORLD PROPERTIES LLC	10, 11
72	THE ROSEMYR CORPORATION	11
73	GARY DEAN FRYE	11
74	POWELL RENTALS INC	11, 12
75	BLUE SKIES 816 LLC	11
76	S & S USA INC	11
77	SUNBELL, LLC	11
78	COLONIAL HICKORY-321, LLC	11
79	ACE DEUCE PROPERTIES, LLC	11
80	COLONIAL HICKORY 321 II, LLC	11, 12
81	CITY OF HICKORY	12
81Z	CITY OF HICKORY	12
82	NOT USED	---
83	MICHAEL J MAULDING	12
84	CENTRAL TELEPHONE PROPERTY TAX DEPT	12
85	HICKORY HOSPITALITY INVESTMENTS III INC	12
86	WH CAPITAL LLC	12
87	HICKORY HOSPITALITY INVESTMENTS III INC	12, 13
88	MOUNTAINPRIZE INC	12
89	CITY OF HICKORY	12, 13
90	CATAWBA HOLDING, LLC	13

3/3/2022
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cwhite

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DATE: 5 /17 /2019
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PARCEL INDEX SHEET

REVISIONS

RCW Revision #1 - 12/13/2019 - Parcels #107 & 108 combined into one parcel #108. Revised property owner's name for Parcel #108.
RCW Revision #2 - 01/29/2020 - Combined parcels 134 & 134A into 134A. Revised property owner's name for Parcel #134.
RCW Revision #3 - 01/29/2020 - Combined parcels 141 & 134A into 134A. Revised property owner's name for Parcel #134.
RCW Revision #4 - 01/29/2020 - Combined parcels 141 & 134A into 134A. Revised property owner's name for Parcel #134.
RCW Revision #5 - 01/29/2020 - Combined parcels 141 & 134A into 134A. Revised property owner's name for Parcel #134.
RCW Revision #6 - 03/02/2020 - Combined parcels #13, 14 & 15 into one parcel #13. Combined parcels #13, 156A, 158 & 209 into one parcel #133. Combined parcels #148, 149 & 151 into one parcel #148.
RCW Revision #7 - 03/17/2020 - Combined parcels #95 & #96 into one parcel #95. Combined parcels #100 & #101 into one parcel #100. Revised property owner names on parcels #91 & #99.
RCW Revision #8 - 03/17/2020 - Subdivided parcel #138 into parcels #138 & #140. Subdivided parcel #157 into parcels #151, #157, & #158.
RCW Revision #9 - 08/05/2020 - Added Parcel #107.
RCW Revision #10 - 04/23/2021 - Changed property owner name on parcel #92.
RCW Revision #11 - 08/27/2021 - Split parcel #119 into #119 & #120. Revised property owner on parcels #120 & #150.
RCW Revision #12 - 08/24/2022 - Added parcel #167.

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
91	J&K HICKORY PROPERTY, LLC	13
92	DER, INC	13
93	RECORD PROPERTIES INC	13
94	MARY ANN FRONEBERGER	13
95	G & M RENTALS, LLC	13, 14
96	NOT USED	---
97	LAKE HICKORY PLAZA, INC	13
98	LAKE HICKORY PLAZA, INC	13
99	BOYD LEON HYDER	13, 14
100	RECORD PROPERTIES INC	14
101	NOT USED	---
102	RECORD PROPERTIES, INC	14
103	FIVE POINTS REALTY, LLC	14
104	LINWOOD M BRITTAIN IRENE P BRITTAIN	14, 15
105	TLC PROPERTIES INC	14
106	BAXTER PROPERTIES, LLC	14
107	CITY OF HICKORY	14
108	FJS & JG LLC	16
109	NOT LISTED IN SURVEY FILE	16
110	MDI MANAGEMENT INC	16, 17
111	RUTH PORTER	16
111A	LAKE HICKORY MARINA LLC	16
112	PAMELA PADGETT CONNELLY	16
112A	STEPHEN J. TERRELL TINA BOWEN TERRELL	16
113	BURTONS' WJ LLC	16
114	NOT USED	---
115	NOT USED	---
116	MIKE BRADY	17
117	DUKE POWER	17
118	MITCHELL D HAWKINS	17

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
119	FUTURO LLC	17
120	FIRST CONSTRUCTION COMPANY, INC.	17
121	D & T HOLDINGS LLC	17
121A	GROGAN FS, LLC	17
122	JAMES D GROGAN	17
123	DAHH VENTURES LLC	17
124	NOT USED	---
125	KIMBERLY C TEFF	17
126	TANNER NATHAN PROPERTIES	17
126Z	TANNER NATHAN PROPERTIES	17
127	TANNER NATHAN PROPERTIES	17, 23
128	TANNER NATHAN PROPERTIES	17
129	TANNER NATHAN PROPERTIES	17
130	TANNER NATHAN PROPERTIES	17
131	TANNER NATHAN PROPERTIES	17
131A	TANNER NATHAN PROPERTIES	17
132	MDI MANAGEMENT INC	17, 23
133	MDI MANAGEMENT INC.	17
134	CAROLINA POOL BUILDERS	17
135	SHERRY WINKLER LAY	17
136	JOHN W WINKLER	17
137	DOUGLAS SCOTT TRIPLETT	17
138	JIMMY R ROWE	17, 18
139	GREGORY A KIZIAH	17, 18
139A	PETER ROWE	17, 18
140	JIMMY R ROWE	17
141	DWAIN H BOOHER	18
142	NANCY S YOUNT	18
143	AVIS T STARNES	18
144	JAMES WRIGHT	18

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
145	HUFFMAN FINISHING CO INC	18
146	AWH-JR LIMITED PARTNERSHIP	18
147	NOT USED	---
148	HUFFMAN HOSIERY MILL INC	18
149	NOT USED	---
150	ADELE HUFFMAN MANGAN, LEE T. HUFFMAN, AL W. HUFFMAN	18
151	PLIMSOLL INVESTMENTS, LLC	18
152	HUFFMAN FINISHING CO INC	18
153	DAVID W STARNES	18, 19
154	CHARLES DAVID NUTTING JR MARLA R. NUTTI	18
155	HM2 PROPRETY, LLC	18
156	SCOTT D NAFE	18
156A	NOT USED	---
157	COMMERCE PLAZA PROPERTY	18
158	RAV PROPERTIES, LLC	18
159	ASHLEY BROOKE PROPERTY GROUP LLC	18, 24
160	POOVEY'S GROVE BAPTIST	18, 19, 24
161	YOUNT & STARNES LLC NC	19
162	RALPH LEE STARNES	19
163	OLIVER LEE STARNES	19
164	RICHARD L CHRISTOPHER	19
165	JIMMY D. SHERRILL JOYCE S. SHERRILL	19
166	NINA S HILL	19
167	MURPHY OIL USA INC	20
168	INNOVATIVE INVESTING, LLC	21
169	COLLIE INVESTMENTS, LLC	21
170	INZA L DEBORDE	21
171	REY PETROLEUM, LLC	21
172	CITY OF HICKORY	7, 21
173	JACOMINE INVESTMENT, LLC	7, 22

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STATE OF NORTH CAROLINA

PARCEL INDEX SHEET

REVISIONS
ROW Revision #1 - 12/13/2019 - Added Parcels *244 & 245. ROW Revision #2 - 01/20/2020 - Added Parcels 253, 255, 256, & 258. Combined parcels: 194 & 1195 Into 194; 203 & 219 Into 203; 207 & 208 Into 207. ROW Revision #3 - 01/27/2020 - Changed property owner name on parcel 199. ROW Revision #6 - 03/02/2020 - Combined parcels *191 & 192 Into one parcel *191. ROW Revision #7 - 03/02/2020 - Combined parcels *191 & 192 Into one parcel *191. ROW Revision #8 - 03/02/2020 - Combined parcels *191 & 192 Into one parcel *191. ROW Revision #9 - 03/02/2020 - Combined parcels *191 & 192 Into one parcel *191. ROW Revision #10 - 03/02/2020 - Combined parcels *191 & 192 Into one parcel *191. ROW Revision #11 - 03/02/2020 - Combined parcels *191 & 192 Into one parcel *191. ROW Revision #12 - 05/21/2021 - Added parcel *262. ROW Revision #13 - 06/27/2021 - Combined parcel *238 Into parcel *15. ROW Revision #14 - 10/12/2021 - Combined parcels *182 & *183 Into one parcel. ROW Revision #17 - 02/09/2022 - Combined parcels *31 & *249 Into one parcel. ROW Revision #19 - 02/24/2022 - Added parcel *202. Updated plan sheet numbers for parcel 193. ROW Revision #22 - 04/26/2022 - Added parcel *255Z.

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
174	MICHAEL GLENN WILSON SANDRA G WILSON	22
175	MICHAEL GLENN WILSON SANDRA G WILSON	22
176	DENNIS DETWEILER MERLIN DETWEILER	22
177	SCOTT CORBY DONE CORBY	22
178	NOT USED	---
179	TIMOTHY R LONG KATHY R LONG	22
180	TIMOTHY R LONG JOHN LONG	22
181	NOT USED	---
182	EDWARD D HENRY ALICE JO G HENRY	22
183	NOT USED	---
184	CHRISTOPHER L ANNAS EUGENE C ANNAS, JR	22
185	CHRISTOPHER L ANNAS EUGENE C ANNAS, JR	22
186	CHRISTOPHER L ANNAS EUGENE C ANNAS, JR	22
187	S&S REMARKETING, INC	22
188	RUBY H HEAVNER	22
189	NOT USED	---
190	BRYAN HEAVNER ANGELA HEAVNER	22
191	SOUTHERN CONCRETE MATERIALS, INC	22
192	NOT USED	---
193	DEL MARK, INC	7, 22
194	NOT USED	---
195	RONNIE K TURNER	23
196	RICHARD RINK	23
197	LESLIE EUGENE BENTLEY	23
198	LESLIE EUGENE BENTLEY	23
199	MARY ELIZABETH WILLIS	23, 23A
200	SPENCER A THOMPSON	23, 23A
201	KENNETH WOODS	23A
202	BOYD L YOUNT VELMA I YOUNT	23A
203	BRANDON J BIGGERSTAFF JANIE M CRAIN	23A
204	CAROLYN M JENNINGS	23A

PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
205	ELIJAH M. BODDE AND WIFE, KIM D. BODDE	23, 23A
206	SPENCER A THOMPSON	23A
207	BOYD L YOUNT VELMA I YOUNT	23A
208	NOT USED	---
209	NOT USED	---
210	RICKY DALE GREENHILL JUDY FALLS GREENHILL	7
210Z	RICKY DALE GREENHILL JUDY FALLS GREENHILL	7
211	WOOD ACQUISITIONS, LLC	7
212	DUMONDE, INC	7
213	SNACK BAR, INC	7
214	APPAREL TECHNOLOGY, LLC	7
215	PHILLIP R SETZER KIM F SETZER	7
216	CHARLIE M RITCHIE	19, 20
217	NINA S HILL	20
218	RALPH LEE STARNES	19, 20
219	NOT USED	---
220	SEAN M EVANS	17
221	CROSSROADS LP	20
222	NC BOARD OF TRANSPORTATION	6, 7
222A	CALLANAN & TEAGUE	6, 7
223	HERNER DOCK LFI	8
224	NC BOARD OF TRANSPORTATION	6
225	HAROLD TIMOTHY MILLER	6, 7
226	HAROLD TIMOTHY MILLER	7
227	MICHAEL GLENN WILSON & SANDRA G WILSON	22
228	GEGORY MCMAHON BONNIE R MCMAHON	23A
229	SIGNATURE HOLDINGS LLC	11
230	NOT USED	---
231	BLOWING ROCK LOGISTICS, LLC	10
232	CORNING CABLE SYSTEMS LLC	10
233	COACH HOUSE CONDOMINIUM OWNERS	8

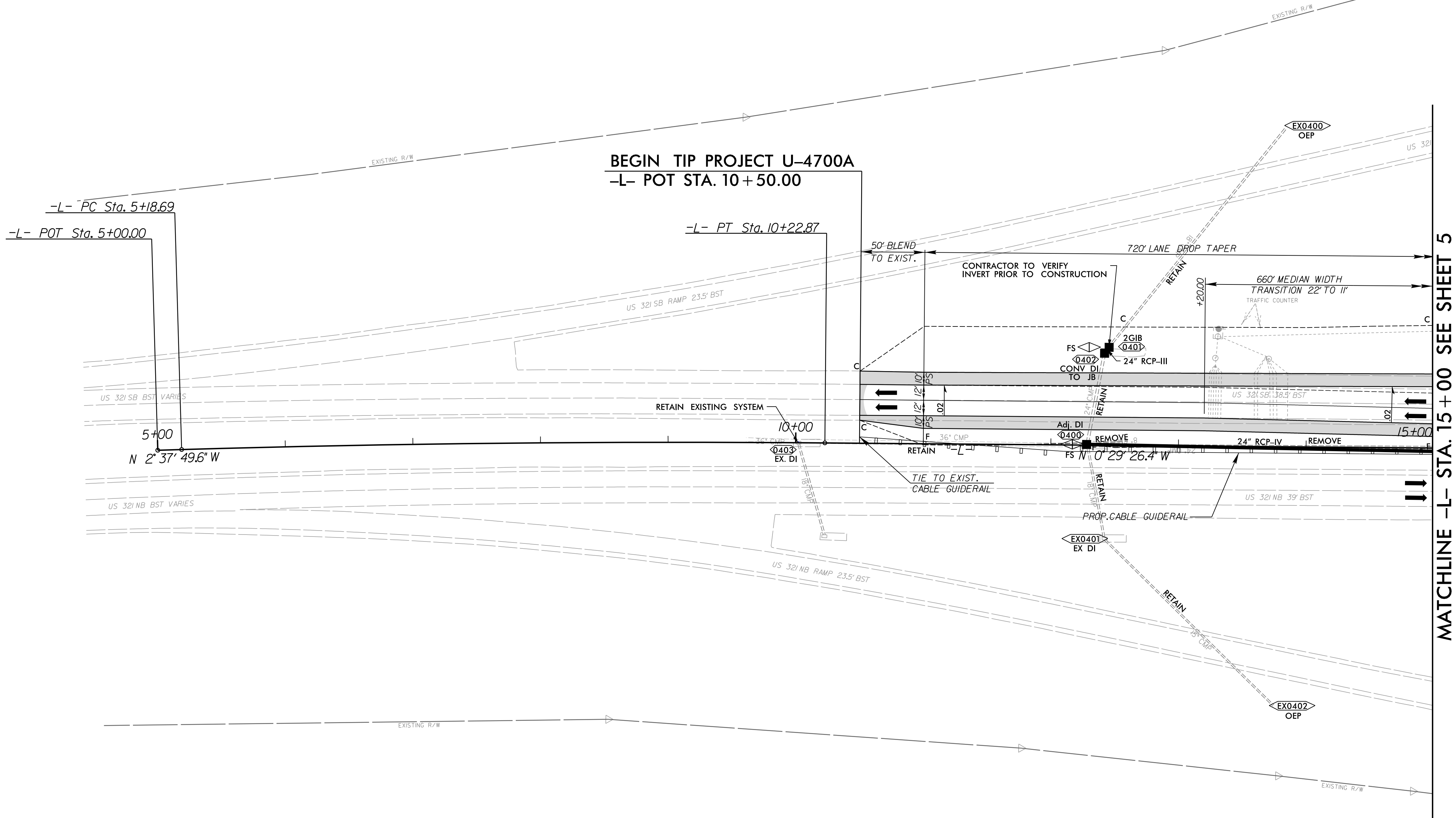
PARCEL NO.	PROPERTY OWNER'S NAME	PLAN SHEET NUMBERS
234	DUMONE, INC	7
235	DUMONDE, INC	7
236	GARY THOMAS CHURCH TERESA JILL CHURCH	7
237	GARY THOMAS CHURCH TERESA JILL CHURCH	7
238	NOT USED	---
239	REGGIE H LINK	20
240	DIETZ & DIETZ REALITY, LLC	21
241	PATRICIA W TRIPLETT	21
242	SHALONDA R WALKER	7
243	WILLIAM E CRESSON MARIA LOURDES CRESSON	22
244	INNES INVESTMENTS LLC	20
245	FFC LIMITED PARTNERSHIP NC	20
246	HICKORY BUSINESS FURNITURE LLC	10, 11
247	SOUTHERN CONCRETE MATERIALS, INC	22
248	NOT USED	---
249	SCOTT CORBY AND WIFE, DONE CORBY	7, 22
250	CITY OF HICKORY	21
251	ANNAS AWNING & CANVAS CO, INC	22
252	NOT USED	---
253	HICKORY HARBOR CONDO	16
254	SREE SHIV SHAKTI INC	12
255	ANDERSON'S RED OAK FARMS LLC	20
255Z	ANDERSON'S RED OAK FARMS LLC	20
256	SPARK BROTHERS LLC	20
257	JVT LLC	6
258	DUKE ENERGY CAROLINAS, LLC	15, 16
259	NINA S HILL & RITCHIE R STARNES	24
260	BILL R. YOUNG JUD D. YOUNG	21
261	HILTON VENTURES LLC	21
262	CITY OF HICKORY	13

8/17/99

-L-
PI Sta. 7+70.81
 $\Delta = 2^{\circ} 08' 23.3" (RT)$
 $D = 0^{\circ} 25' 27.9"$
 $L = 504.18'$
 $T = 252.12'$
 $R = 13,500.00'$
 $e = exist.$
 $V = 60 \text{ mph}$

NAD 83/2011

PROJECT REFERENCE NO.		SHEET NO.
U-4700A		4
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
</		



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FOR -L- PROFILE SEE SHT. 25

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

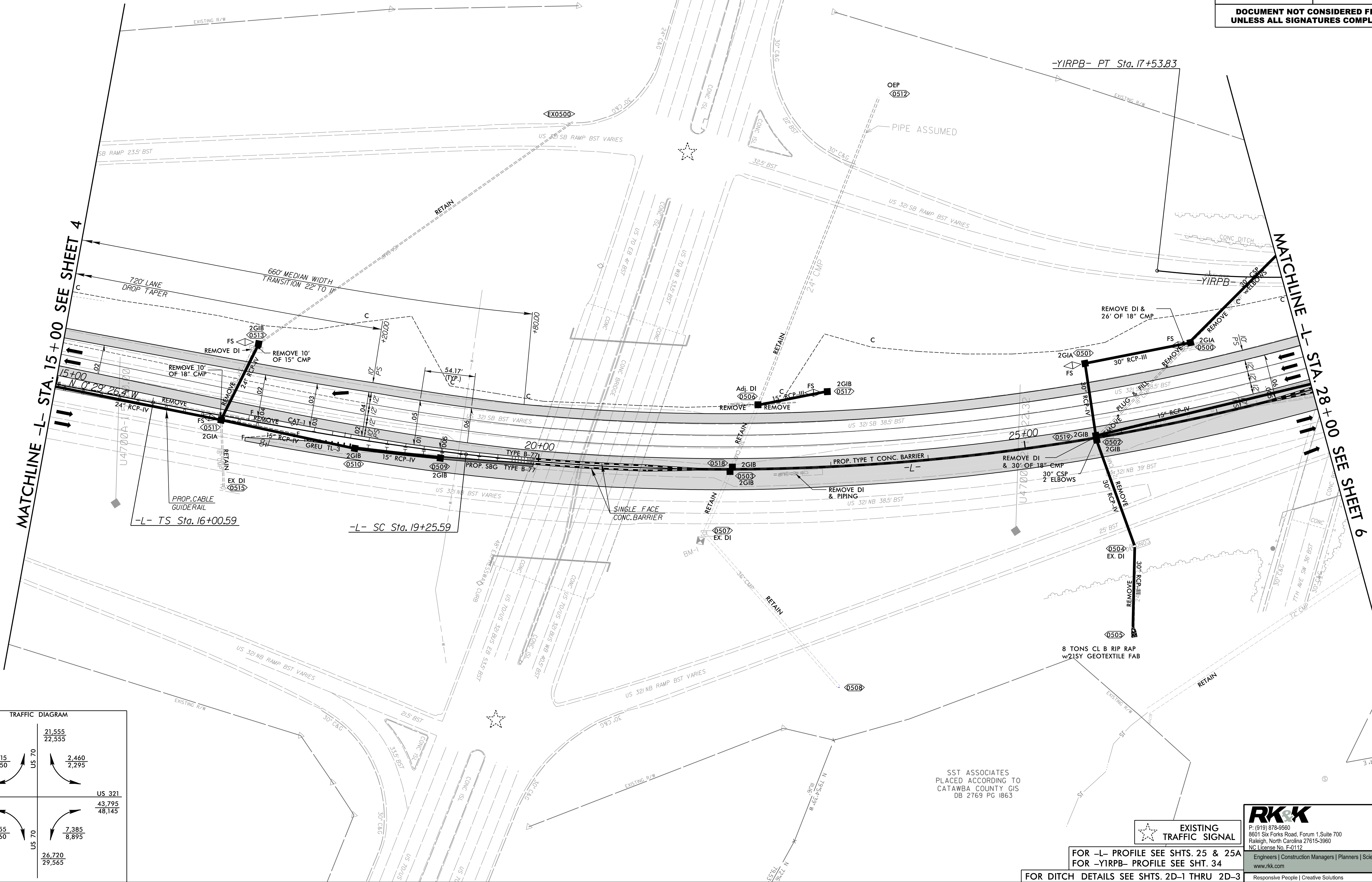
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8/17/99

PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		5	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

-L-		-YIRPB-
PIs Sta 18+7.31	PI Sta 27+65.98	PI Sta 14+62.89
$\Delta s = 4^{\circ} 06' 05.7''$	$\Delta = 40^{\circ} 37' 51.2''$ (LT)	$\Delta = 32^{\circ} 18' 49.8''$ (RT)
$Ls = 325.00'$	$D = 2^{\circ} 31' 26.6''$	$D = 5^{\circ} 18' 18.6''$
$LT = 216.72'$	$L = 1,609.75'$	$L = 609.10'$
$ST = 108.39'$	$T = 840.39'$	$T = 312.89'$
	$R = 2,270.00'$	$R = 1,080.00'$
	$e = 6\%$	$e = 6\%$
	$V = 60$ mph	$Lr = 216'$
		$V = 50$ mph

NAD 83/2011



TRAFFIC DIAGRAM			
ADT 2021	ADT 2041	21,555	22,555
6,015	6,850	2,460	2,295
46,225	51,075	43,795	48,145
6,255	7,260	7,385	8,895
26,720	29,565		

SST ASSOCIATES
PLACED ACCORDING TO
CATAWBA COUNTY GIS
DB 2769 PG 1863

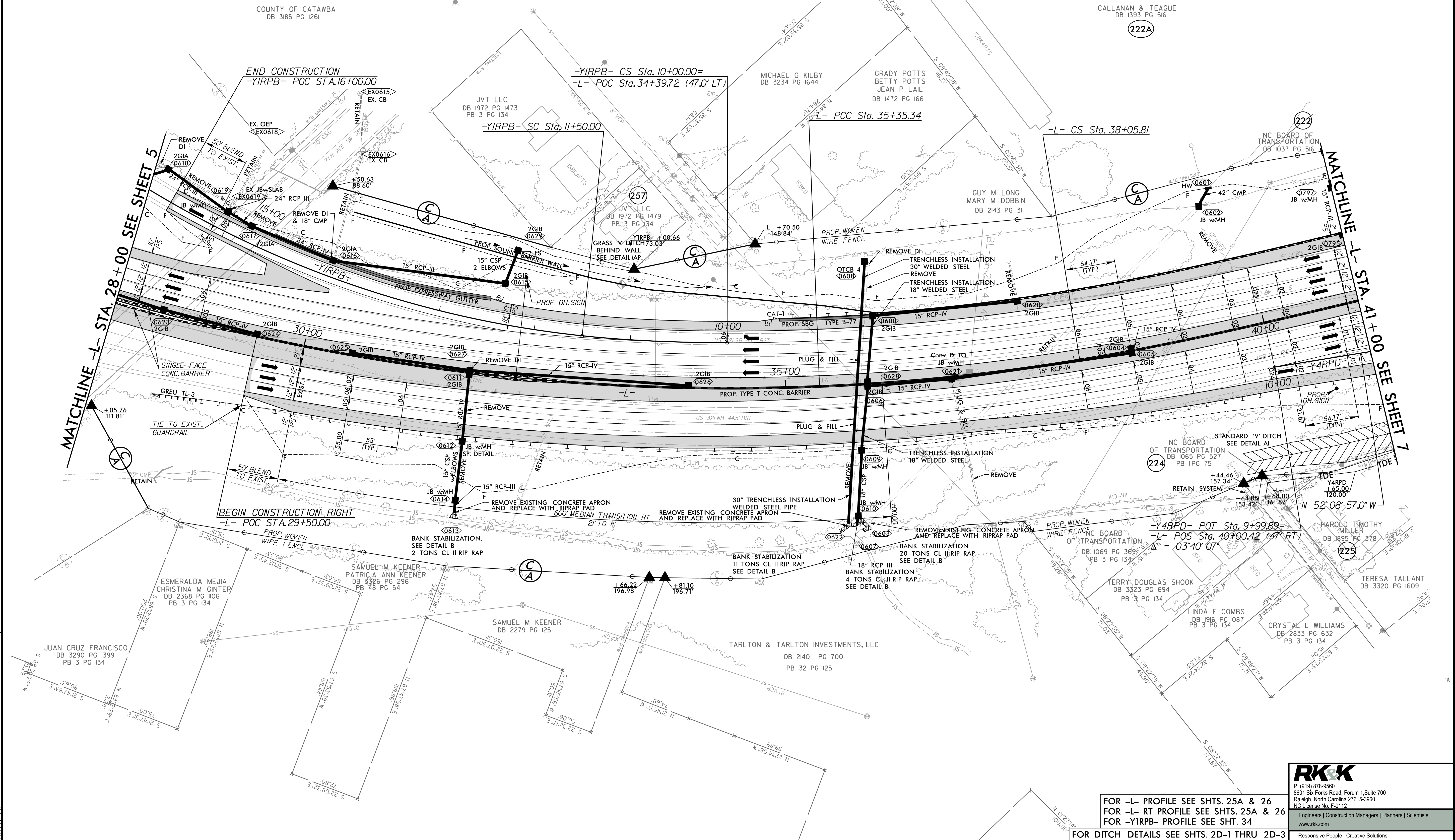
EXISTING
TRAFFIC SIGNAL

FOR -L- PROFILE SEE SHTS. 25 & 25A
FOR -YIRPB- PROFILE SEE SHT. 34
FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

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-L-			-YIRPB-	
PI Sta 27+65.98	PI Sta 36+70.75	Pls Sta 39+14.20	Pls Sta 10+83.72	PI Sta 14+60.03
$\Delta = 40^\circ 37' 51.2" (LT)$	$\Delta = 7^\circ 02' 38.3" (LT)$	$\Theta s = 4^\circ 13' 55.5"$	$\Theta s = 1^\circ 55' 58.4"$	$\Delta = 32^\circ 02' 02.7" (RT)$
$D = 2^\circ 31' 26.6"$	$D = 2^\circ 36' 15.7"$	$Ls = 325.00'$	$\Theta s = 3^\circ 58' 44.5"$	$\Delta = 5^\circ 18' 18.6"$
$L = 1,609.75'$	$L = 270.47'$	$LT = 216.73'$	$Ls = 150.00'$	$L = 603.83'$
$T = 840.39'$	$T = 135.41'$	$ST = 108.39'$	$LT = 83.72'$	$T = 310.03'$
$R = 2,270.00'$	$R = 2,200.00'$		$ST = 66.41'$	$R = 1,080.00'$
$e = 6\%$	$e = 6\%$			$e = 6\%$
$V = 60 \text{ mph}$	$V = 60 \text{ mph}$			$V = 50 \text{ mph}$



FOR -L- PROFILE SEE SHTS. 25A & 26
FOR -L- RT PROFILE SEE SHTS. 25A & 26
FOR -YIRPB- PROFILE SEE SHT. 34
FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

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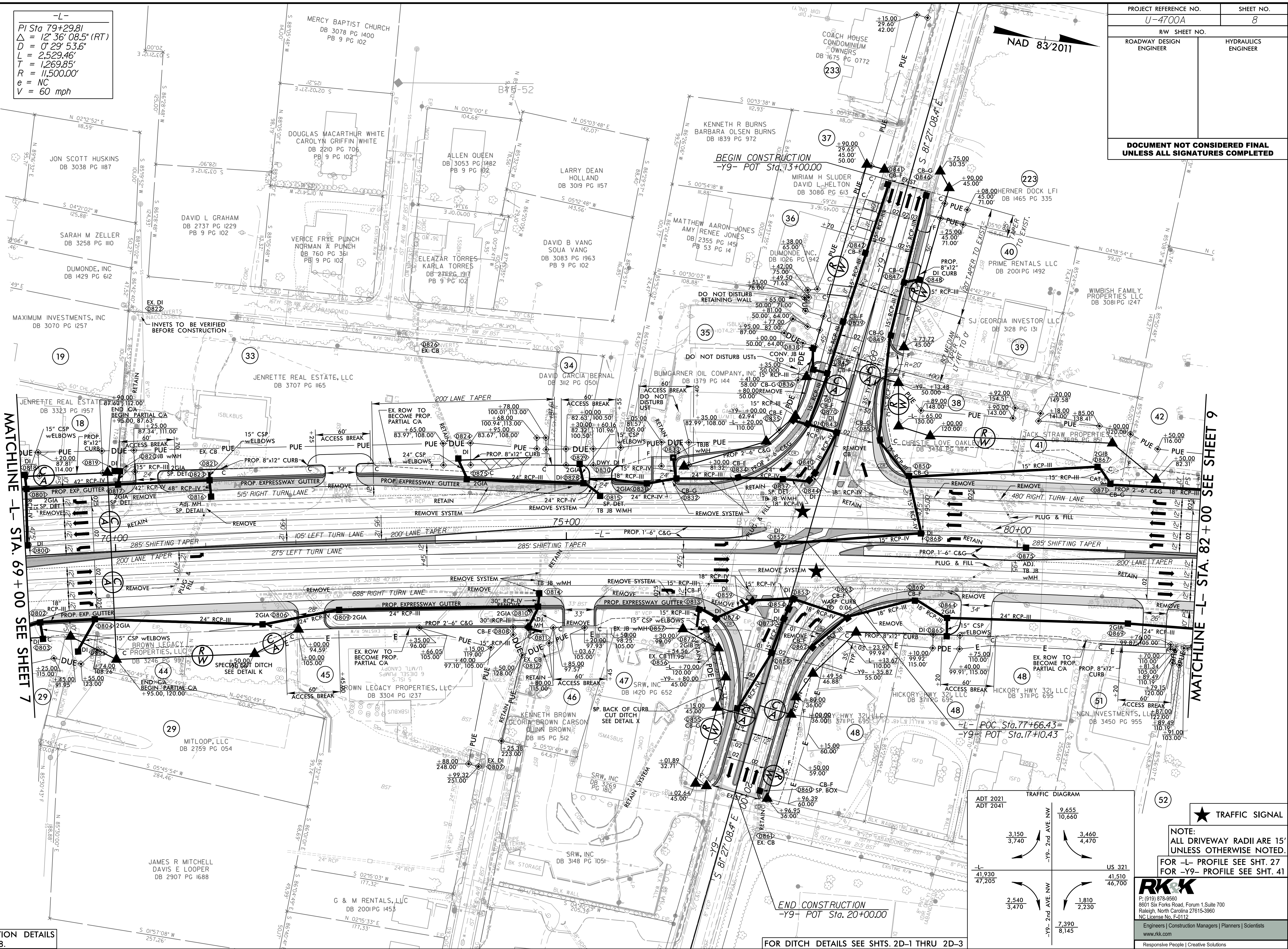
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REVISIONS

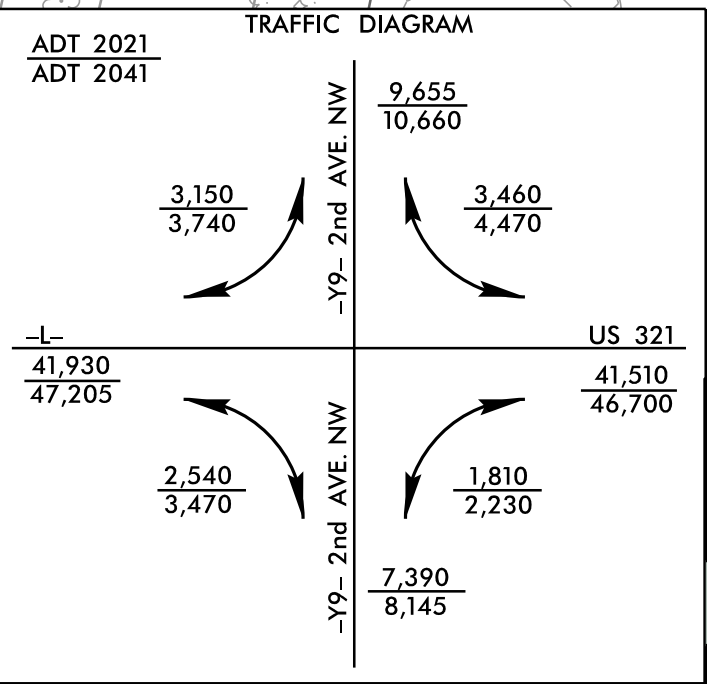
ROW Revision *5 - 02/14/2020 - Combined Parcels *29 & *43 into one parcel, #29.
 ROW Revision *7 - 03/17/2020 - Revised names on Parcels *38, *41, & *48. Combined Parcels *48, *49, & *50 into one parcel, #50.
 ROW Revision *8 - 04/07/2020 - Revised PUE on Parcels *38 & *41.
 ROW Revision *9 - 08/05/2020 - Combined Parcels *44 & *45 into one parcel, #44. Added access break to Parcel *33.
 ROW Revision *11 - 04/23/2021 - Split parcel *44 into parcels *44 & *45.
 ROW Revision *12 - 05/21/2021 - Revised property lines & existing ROW on Parcel *47.
 ROW Revision *13 - 08/27/2021 - Removed PUE & revised TCE on Parcel *48.
 ROW Revision *14 - 10/12/2021 - Revised ROW on Parcel *47 to tie to existing ROW.
 ROW Revision *15 - 12/06/2021 - Revised PUE on Parcel *33.
 ROW Revision *17 - 02/09/2022 - Added "Do not Disturb UST's" note and revised drainage on parcel *35. Updated owner for parcel *33, *41, *48 and *51.
 ROW Revision *19 - 02/24/2022 - Revised TCE and ROW on Parcel *48 along -Y9-.
 ROW Revision *34 & *35 - Added PUE to Parcels *51 & *52. Reduced ROW on Parcel *35 at corner of -L-/-Y9- to avoid metal canopy.

FOR INTERSECTION DETAILS
 SEE SHEET 2B-8.

3/3/2022
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 cwhite



PROJECT REFERENCE NO.		SHEET NO.
U-4700A		8
R/W SHEET NO.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER



★ TRAFFIC SIGNAL

NOTE:
 ALL DRIVEWAY RADII ARE 15'
 UNLESS OTHERWISE NOTED.

FOR -L- PROFILE SEE SHT. 27
 FOR -Y9- PROFILE SEE SHT. 41

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white

PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		9	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

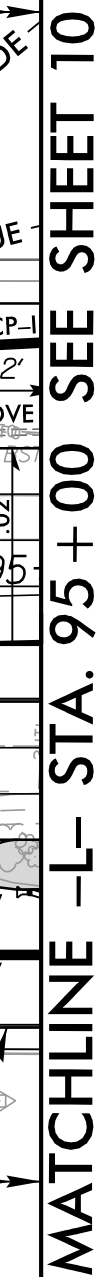
★ TRAFFIC SIGNAL

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FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3



REVISIONS

- ROW Revision #3 - 01/27/2020 - Added PUE to Parcel #70
- ROW Revision #4 - 01/31/2020 - Revised PUE on Parcel #69
- ROW Revision #5 - 02/14/2020 - Combined Parcels #64 & #69 into one parcel #64.
- ROW Revision #9 - 08/05/2020 - Revised ROW & TCE on Parcel #71.
- ROW Revision #13 - 08/21/2021 - Removed driveway on Parcel #64.
- ROW Revision #14 - 10/04/2021 - Added PUE to Parcel #65.
- ROW Revision #15 - 12/06/2021 - Added PUE to Parcel #68.
- ROW Revision #17 - 02/14/2022 - Split parcel #64 into parcels #64 and #69.
- ROW Revision #19 - 02/24/2022 - Converted portion of TCE to PUE on Parcel #59. Added PUE to Parcel #231.

3/3/2022
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esh10

ADT 2021
ADT 2041

TRAFFIC DIAGRAM

-Y11-

PI Sta 13+34.93
 $\Delta = 42^\circ 59' 32.7''$ (RT)
 $D = 9' 10'' 02.4''$
 $L = 468.97'$
 $T = 246.15'$
 $R = 625.00'$
 $e = 4\%$
 $Lr = 120.00'$
 $V = 40$ mph

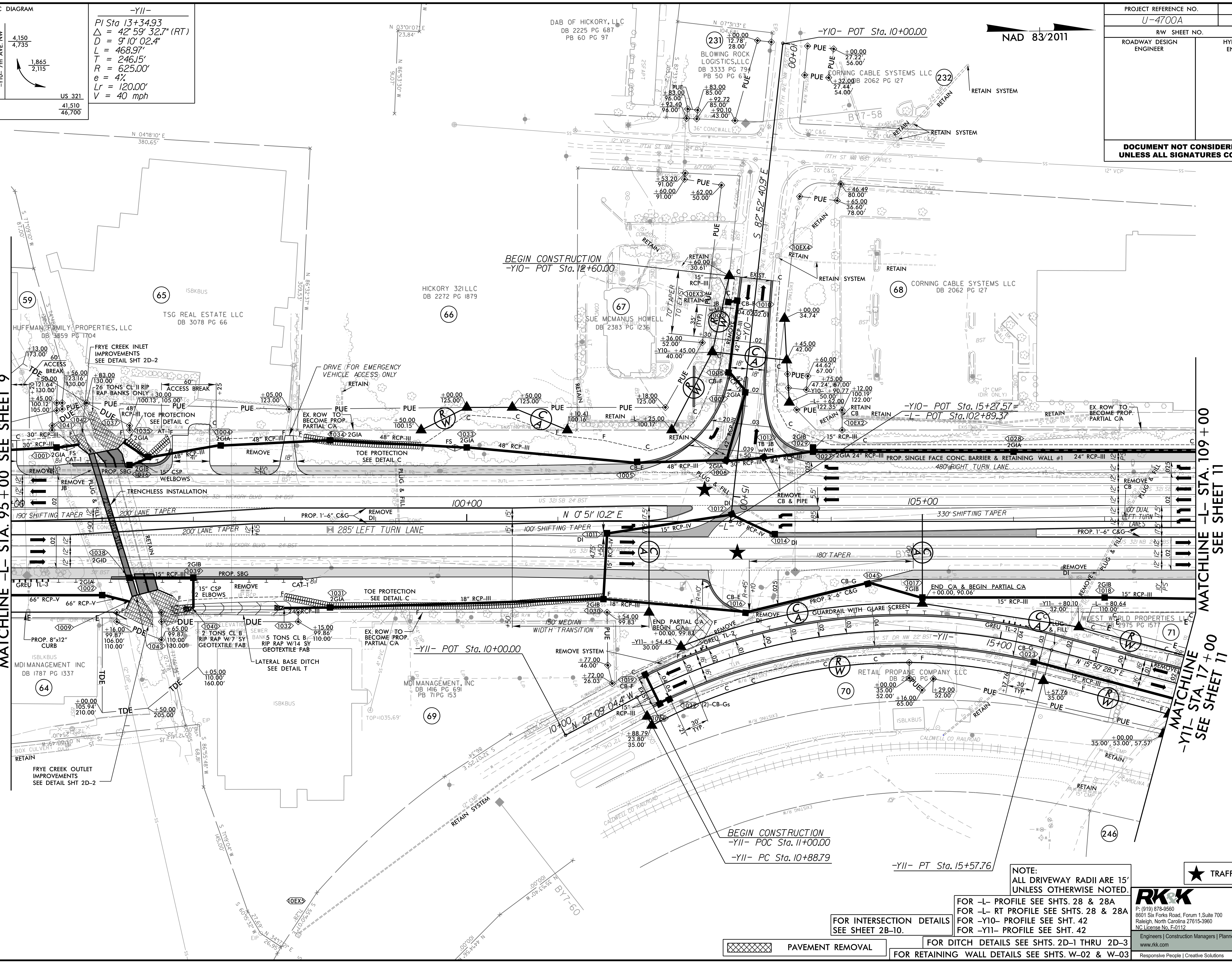
US 321
41,930
47,205

4,150
4,735

2,285
2,620

1,865
2,115

MATCHLINE -L- STA. 95+00 SEE SHEET 9



PROJECT REFERENCE NO. <i>U-4700A</i>		SHEET NO. <i>10</i>	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

FOR INTERSECTION DETAILS
SEE SHEET 2B-10.

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3
FOR RETAINING WALL DETAILS SEE SHTS. W-02 & W-03

NOTE:
ALL DRIVEWAY RADII ARE 15'
UNLESS OTHERWISE NOTED.

FOR -L- PROFILE SEE SHTS. 28 & 28A
FOR -L- RT PROFILE SEE SHTS. 28 & 28A
FOR -Y10- PROFILE SEE SHT. 42
FOR -Y11- PROFILE SEE SHT. 42

★ TRAFFIC SIGNAL

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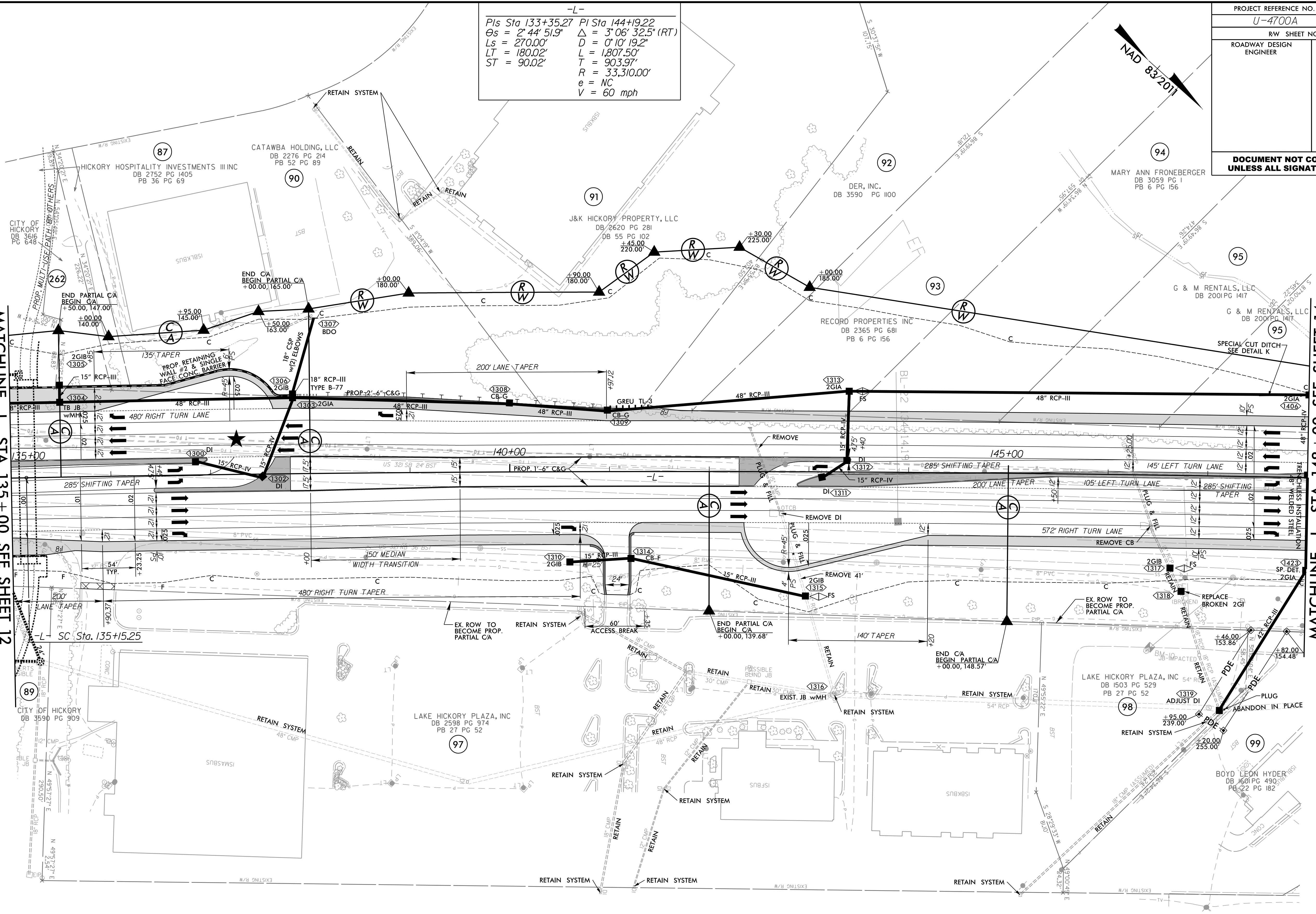
REVISIONS

ROW Revision #6 - 03/02/2020 - Removed PUE from Parcels #97, #98, & #99.
 ROW Revision #7 - 03/11/2020 - Combined Parcels #95 & #96 into Parcel #95. Revised property owners on Parcels #91 & #99.
 ROW Revision #9 - 08/05/2020 - Revised property lines on Parcels #89 & #97.
 ROW Revision #11 - 04/23/2021 - Changed property owner name on Parcel #92. Added PUE on Parcels #98 & #99.
 ROW Revision #12 - 05/21/2021 - Changed property lines to split Parcel #87 into #87 & #262.
 ROW Revision #17 - 02/09/2022 - Revised name and deed book on parcel #89.

8/17/99

8/17/2022
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MATCHLINE -L- STA. 135+00 SEE SHEET 12



-L-
 Pls Sta 133+35.27 PI Sta 144+19.22
 $\theta_s = 2^\circ 44' 51.9''$ $\Delta = 3^\circ 06' 32.5''$ (RT)
 $L_s = 270.00'$ $D = 0^\circ 10' 19.2''$
 $LT = 180.02'$ $L = 1,807.50'$
 $ST = 90.02'$ $T = 903.97'$
 $R = 33,310.00'$
 $e = NC$
 $V = 60$ mph

PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		13	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

MATCHLINE -L- STA. 148+00 SEE SHEET 14

NOTE:
 ALL DRIVEWAY RADII ARE 15'
 UNLESS OTHERWISE NOTED.

PAVEMENT REMOVAL

FOR -L- PROFILE SEE SHTS. 29 & 29A
 FOR -L- RT PROFILE SEE SHTS. 29 & 29A

FOR INTERSECTION DETAILS
 SEE SHEETS 28-14 & 28-15.

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

FOR RETAINING WALL DETAILS SEE SHTS. W-04 & W-05

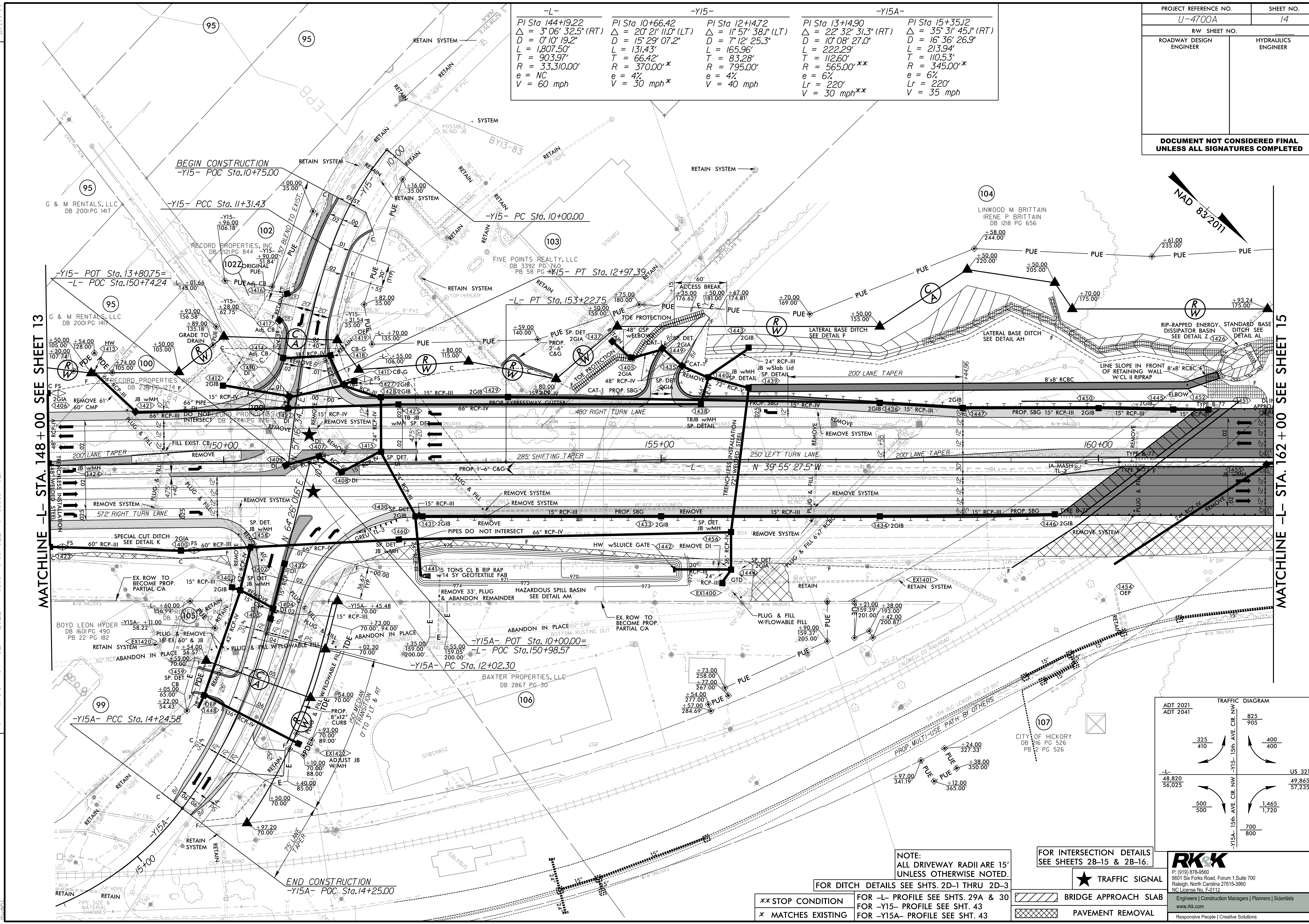
★ TRAFFIC SIGNAL

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REVISIONS

ROW Revision #4 - 01/31/2020 - Added PDE to Parcel #106.
ROW Revision #7 - 03/17/2020 - Revised property owner name on Parcel #99, Combined Parcels #95 & #96 Into Parcel #95, Combined Parcels #100 & #101 Into one Parcel #100.
ROW Revision #9 - 08/05/2020 - Added driveway access break & TCE to Parcel #104.
ROW Revision #10 - 08/05/2020 - Added PUE to Parcels #100 & #106, Added PUE & revised TCE to Parcel #107 (new parcel).
ROW Revision #11 - 04/23/2021 - Part of TCE replaced with PDE on parcel #99, Parcel #106, Added TCE at -L- RT Sta.152+45 +/-, Removed PDE & TDE at -L- RT Sta.155+70 +/-.
ROW Revision #15 - 12/06/2021 - Removed PDE & added Parcel #106.
ROW Revision #17 - 02/09/2022 - Revised PUE on parcel #102.
ROW Revision #18 - 02/17/2022 - Added Parcel 102Z for added PUE.



-L-	-Y15-	-Y15A-
PI Sta 144+19.22 Δ = 3° 06' 32.5" (RT) D = 0° 10' 19.2" L = 1,807.50' T = 903.97' R = 33,310.00' e = NC V = 60 mph	PI Sta 10+66.42 Δ = 20° 21' 11.0" (LT) D = 15° 29' 07.2" L = 131.43' T = 66.42' R = 370.00'* e = 4% V = 30 mph*	PI Sta 12+14.72 Δ = 11° 57' 38.1" (LT) D = 7° 12' 25.3" L = 165.96' T = 83.28' R = 795.00' e = 4% V = 40 mph
PI Sta 13+14.90 Δ = 22° 32' 31.3" (RT) D = 10° 08' 27.0" L = 222.29' T = 112.60' R = 565.00' ** e = 6% Lr = 220' V = 30 mph **	PI Sta 15+35.12 Δ = 35° 31' 45.1" (RT) D = 16° 36' 26.9" L = 213.94' T = 110.53' R = 345.00'* e = 6% Lr = 220' V = 35 mph	

PROJECT REFERENCE NO.		SHEET NO.
U-4700A		14
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

MATCHLINE -L- STA. 148+00 SEE SHEET 13

MATCHLINE -L- STA. 162+00 SEE SHEET 15

NOTE:
ALL DRIVEWAY RADII ARE 15'
UNLESS OTHERWISE NOTED.

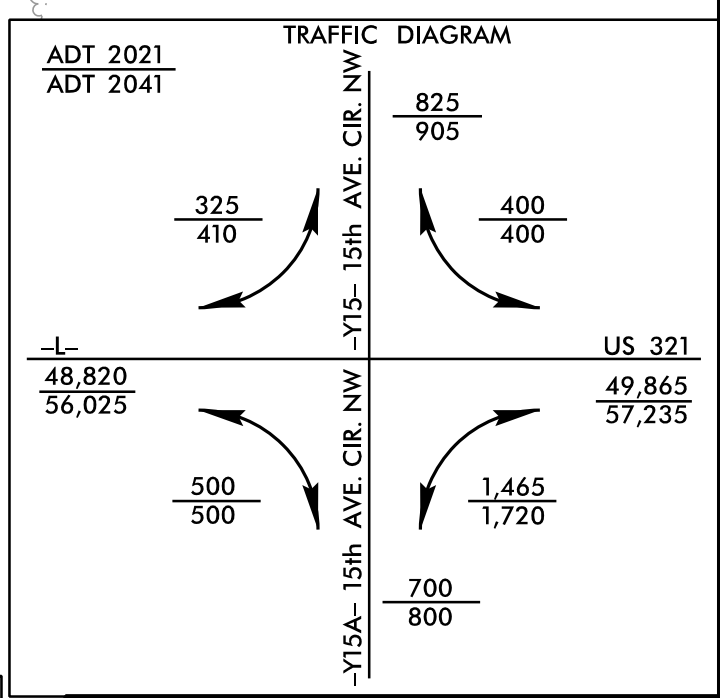
FOR INTERSECTION DETAILS
SEE SHEETS 28-15 & 28-16.

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

** STOP CONDITION
* MATCHES EXISTING

FOR -L- PROFILE SEE SHTS. 29A & 30
FOR -Y15- PROFILE SEE SHT. 43
FOR -Y15A- PROFILE SEE SHT. 43

BRIDGE APPROACH SLAB
PAVEMENT REMOVAL



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REVISIONS

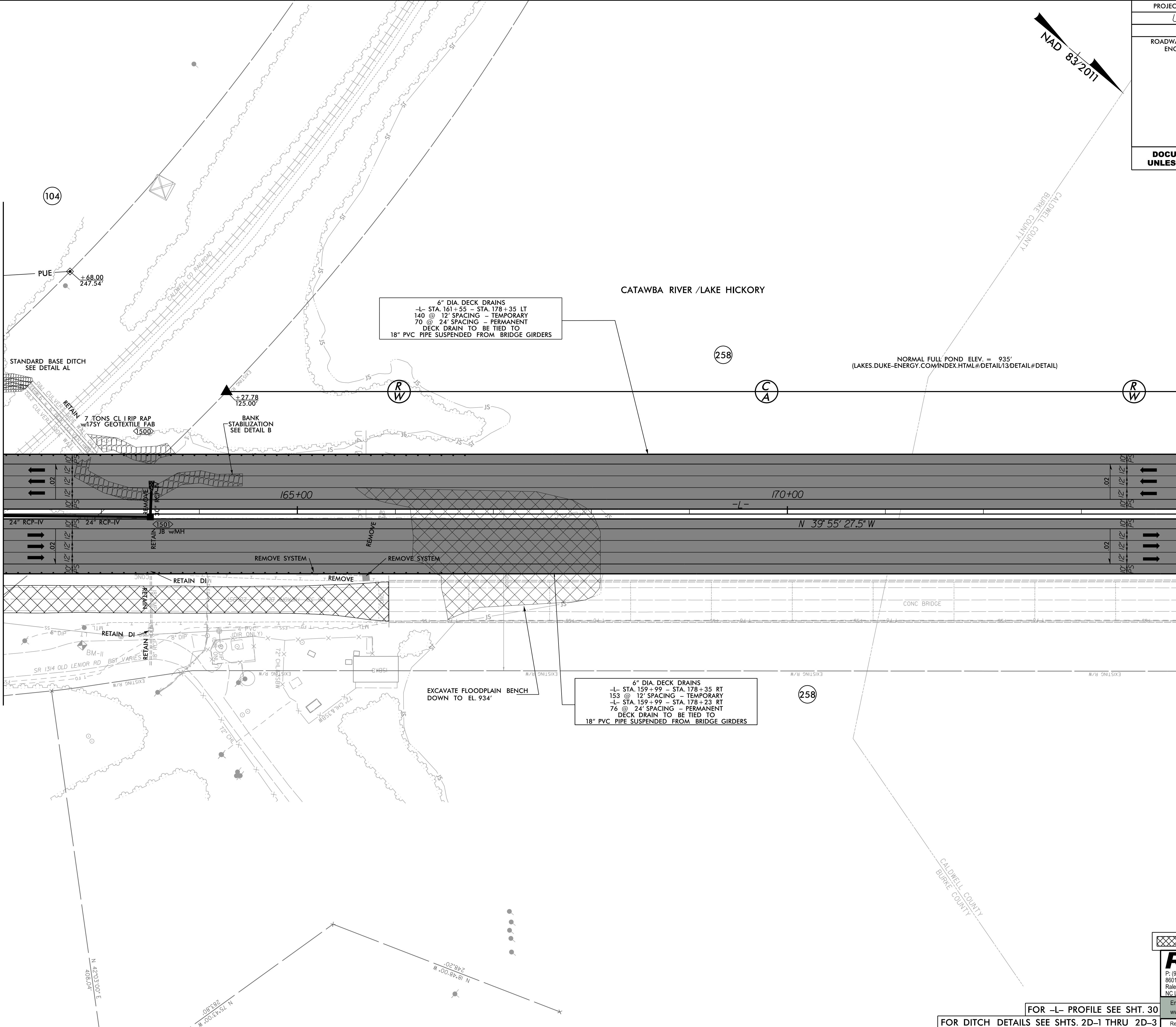
ROW Revision *9 - 08/05/2020 - Added PUE to Parcel # 104.

8/5/2020
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default

8/17/99

MATCHLINE -L- STA. 162 + 00 SEE SHEET 14

MATCHLINE -L- STA. 174 + 00 SEE SHEET 16



PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		15	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

PAVEMENT REMOVAL

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FOR -L- PROFILE SEE SHT. 30

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

REVISIONS

ROW Revision #1 - 12/13/2019 - Parcels #107 & 108 combined into one parcel, #108. Revised property owner's name for Parcel #108.

ROW Revision #2 - 01/20/2020 - Added Parcels #253 & #258.

ROW Revision #3 - 01/27/2020 - Changed property owner name on Parcels #111 & #112A.

ROW Revision #6 - 03/02/2020 - Combined Parcels #113, #114, & #115 into one parcel, #113.

ROW Revision #7 - 03/17/2020 - Revised property lines & existing ROW on Parcel #113. Revised PUE & ROW on Parcel #113.

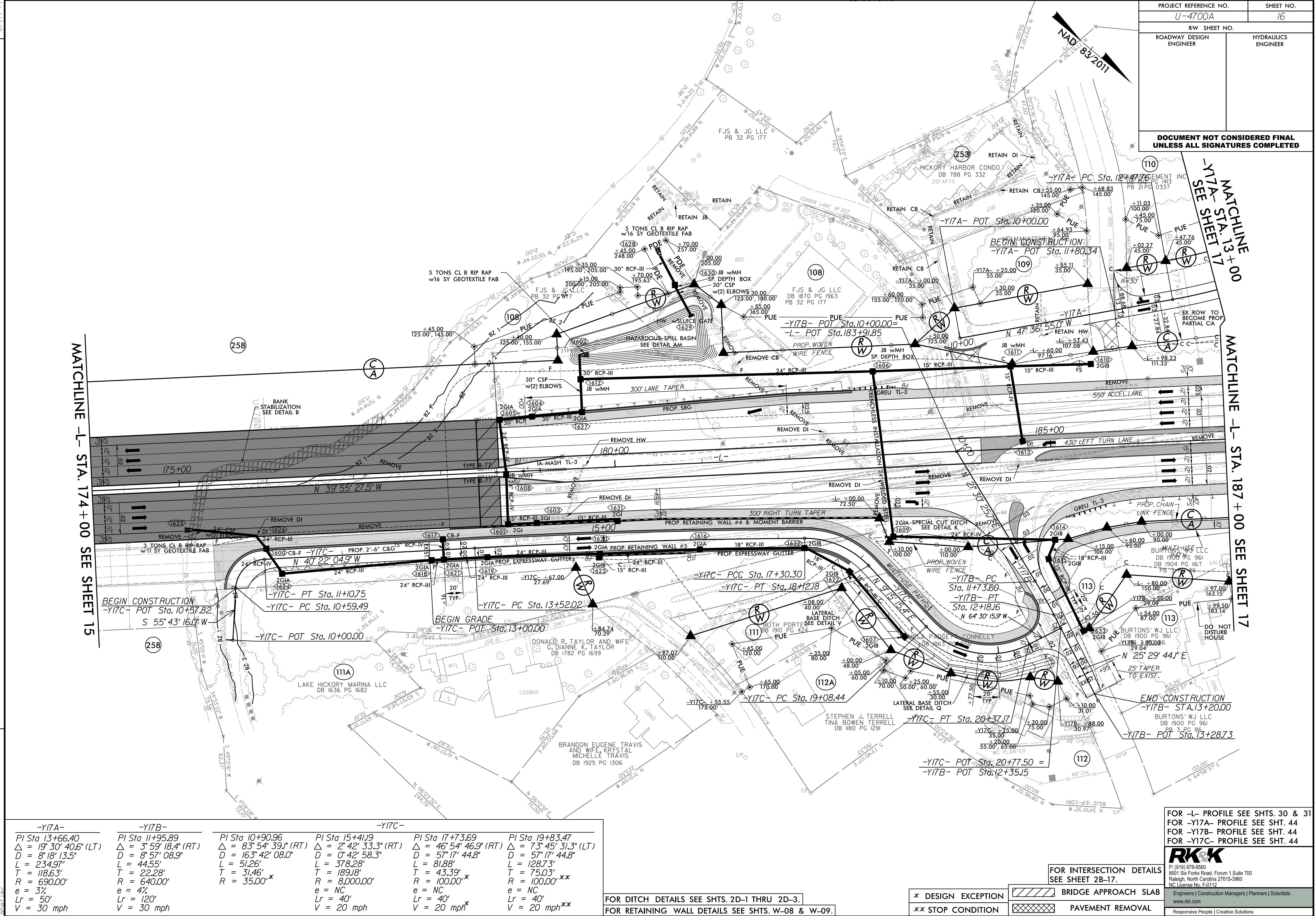
ROW Revision #8 - 04/07/2020 - Revised ROW & PUE on Parcels #12 & #13.

ROW Revision #9 - 08/05/2020 - Added do not disturb note on Parcel #13.

ROW Revision #11 - 04/23/2021 - Changed property owner name on Parcels #111 & #112A.

8/17/99

4/21/2021
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esht16



PROJECT REFERENCE NO.		SHEET NO.
U-4700A		16
RW SHEET NO.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER

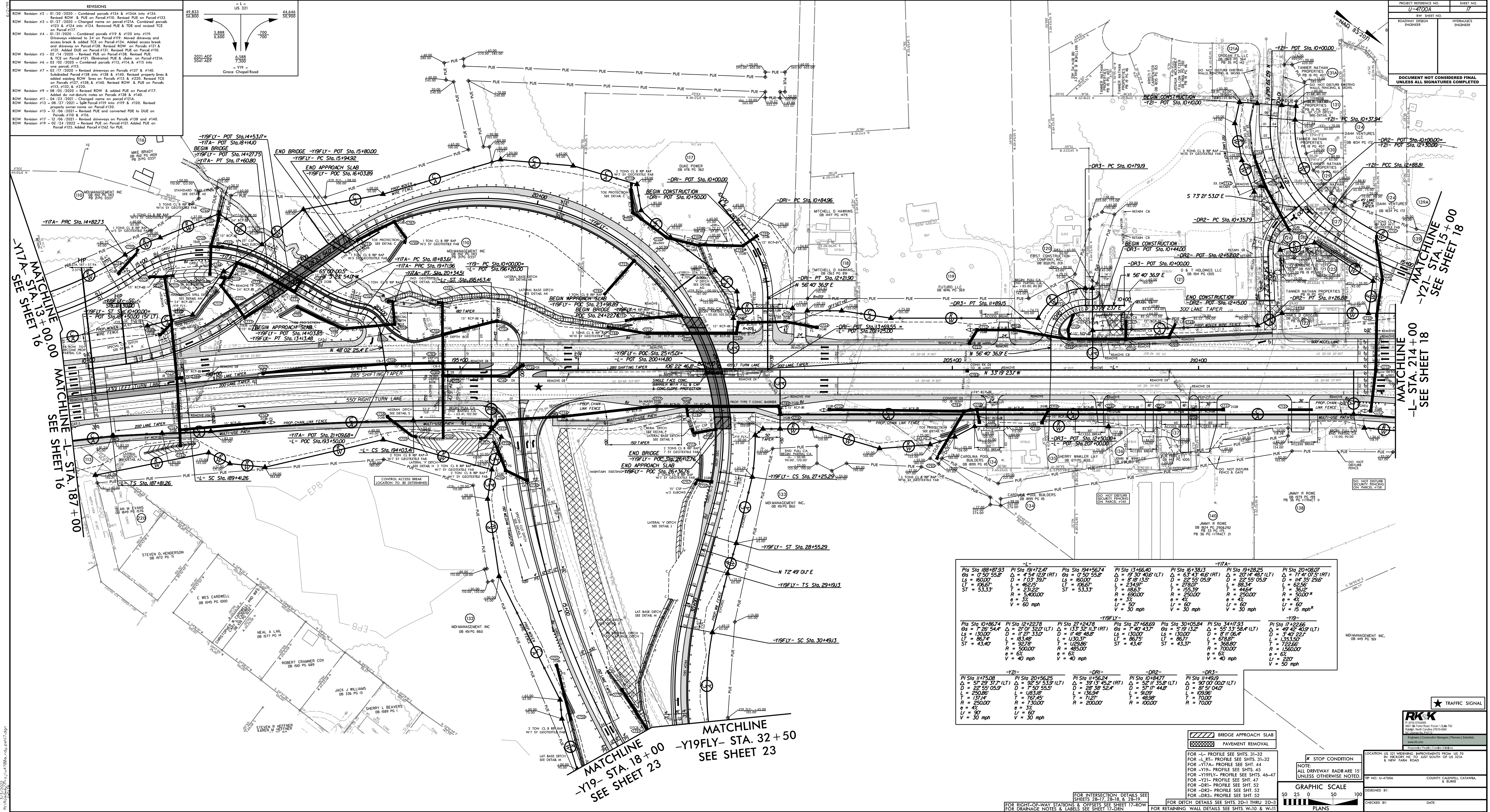
-Y17A-	-Y17B-	-Y17C-
PI Sta 13+66.40	PI Sta 11+95.89	PI Sta 10+90.96
$\Delta = 19^{\circ} 30' 40.6"$ (LT)	$\Delta = 3^{\circ} 59' 18.4"$ (RT)	$\Delta = 83^{\circ} 54' 39.1"$ (RT)
D = 8' 18" 13.5"	D = 8' 57" 08.9"	D = 163' 42" 08.0"
L = 234.97'	L = 44.55'	L = 51.26'
T = 118.63'	T = 22.28'	T = 189.18'
R = 690.00'	R = 640.00'	R = 8,000.00'
e = 3%	e = 4%	e = NC
Lr = 50'	Lr = 120'	Lr = 40'
V = 30 mph	V = 30 mph	V = 20 mph

FOR -L- PROFILE SEE SHTS. 30 & 31
FOR -Y17A- PROFILE SEE SHT. 44
FOR -Y17B- PROFILE SEE SHT. 44
FOR -Y17C- PROFILE SEE SHT. 44

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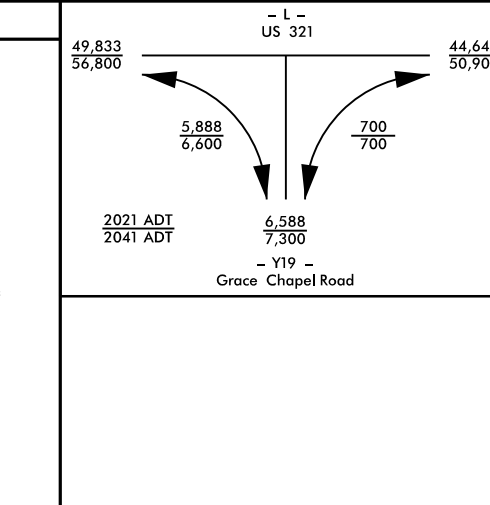
FOR INTERSECTION DETAILS
SEE SHEET 2B-17.

* DESIGN EXCEPTION	BRIDGE APPROACH SLAB
** STOP CONDITION	PAVEMENT REMOVAL



REVISIONS

ROW Revision #2	01/20/2020	Combined parcels #134 & #134A into #134.
ROW Revision #3	01/27/2020	Revised ROW & PUE on Parcel #110. Revised PUE on Parcel #133.
ROW Revision #4	01/27/2020	Revised ROW & PUE on Parcel #134. Added access break and driveway on Parcel #134. Revised ROW on Parcel #133 & #134. Added DUE on Parcel #131. Revised PUE on Parcel #110.
ROW Revision #5	01/27/2020	Combined parcels #119 & #120 into #119.
ROW Revision #6	01/27/2020	Revised ROW & PUE on Parcel #119. Driveway widened to 24' on Parcel #119. Moved driveway and access break & added TCE on Parcel #124. Added access break and driveway on Parcel #124. Revised ROW on Parcel #121 & #124. Added DUE on Parcel #121. Revised PUE on Parcel #110.
ROW Revision #7	01/27/2020	Combined parcels #115, #116 & #117 into #115.
ROW Revision #8	01/27/2020	Revised ROW & PUE on Parcel #115. Driveway widened to 24' on Parcel #115. Moved driveway and access break & added TCE on Parcel #124. Added access break and driveway on Parcel #124. Revised ROW on Parcel #121 & #124. Added DUE on Parcel #121. Revised PUE on Parcel #110.
ROW Revision #9	08/05/2020	Revised ROW & added PUE on Parcel #117.
ROW Revision #10	04/23/2021	Changed name on parcel #121A.
ROW Revision #11	08/27/2021	Added PUE on Parcel #119 into #119 & #120. Revised property corner name on Parcel #120.
ROW Revision #12	12/16/2021	Revised PUE and corrected PUE to DUE on Parcel #110 & #116.
ROW Revision #13	12/16/2021	Revised driveway on Parcel #138 and #140.
ROW Revision #14	02/14/2022	Revised PUE on Parcel #121. Added PUE on Parcel #122. Added PUE on Parcel #122.



PROJECT REFERENCE NO. 17-4700A

REV. SHEET NO. 17

ROADWAY DESIGN

HYDRAULICS

ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PI Sta 108+97.93 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'	PI Sta 19+77.41 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'	PI Sta 19+77.41 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'	PI Sta 13+66.40 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'	PI Sta 16+38.13 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'	PI Sta 19+28.25 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'	PI Sta 20+08.07 Gs = 0.50 55.8' Ls = 160.00' LT = 106.67' ST = 53.33'
PI Sta 10+86.74 Gs = 7.28 54.4' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 12+22.78 Gs = 2.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 27+24.78 Gs = 1.50 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 27+68.69 Gs = 7.40 43.7' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 30+05.84 Gs = 5.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 34+79.93 Gs = 5.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 37+22.66 Gs = 4.00 40.0' Ls = 130.00' LT = 86.41' ST = 43.40'
PI Sta 11+75.08 Gs = 5.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 20+56.25 Gs = 2.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 27+24.78 Gs = 1.50 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 27+68.69 Gs = 7.40 43.7' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 30+05.84 Gs = 5.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 34+79.93 Gs = 5.00 32.0' Ls = 130.00' LT = 86.41' ST = 43.40'	PI Sta 37+22.66 Gs = 4.00 40.0' Ls = 130.00' LT = 86.41' ST = 43.40'

TRAFFIC SIGNAL

RRK

1001 N. Park Road, Suite 100
Reno, NV 89505

DESIGNED BY: DATE:

CHECKED BY: DATE:

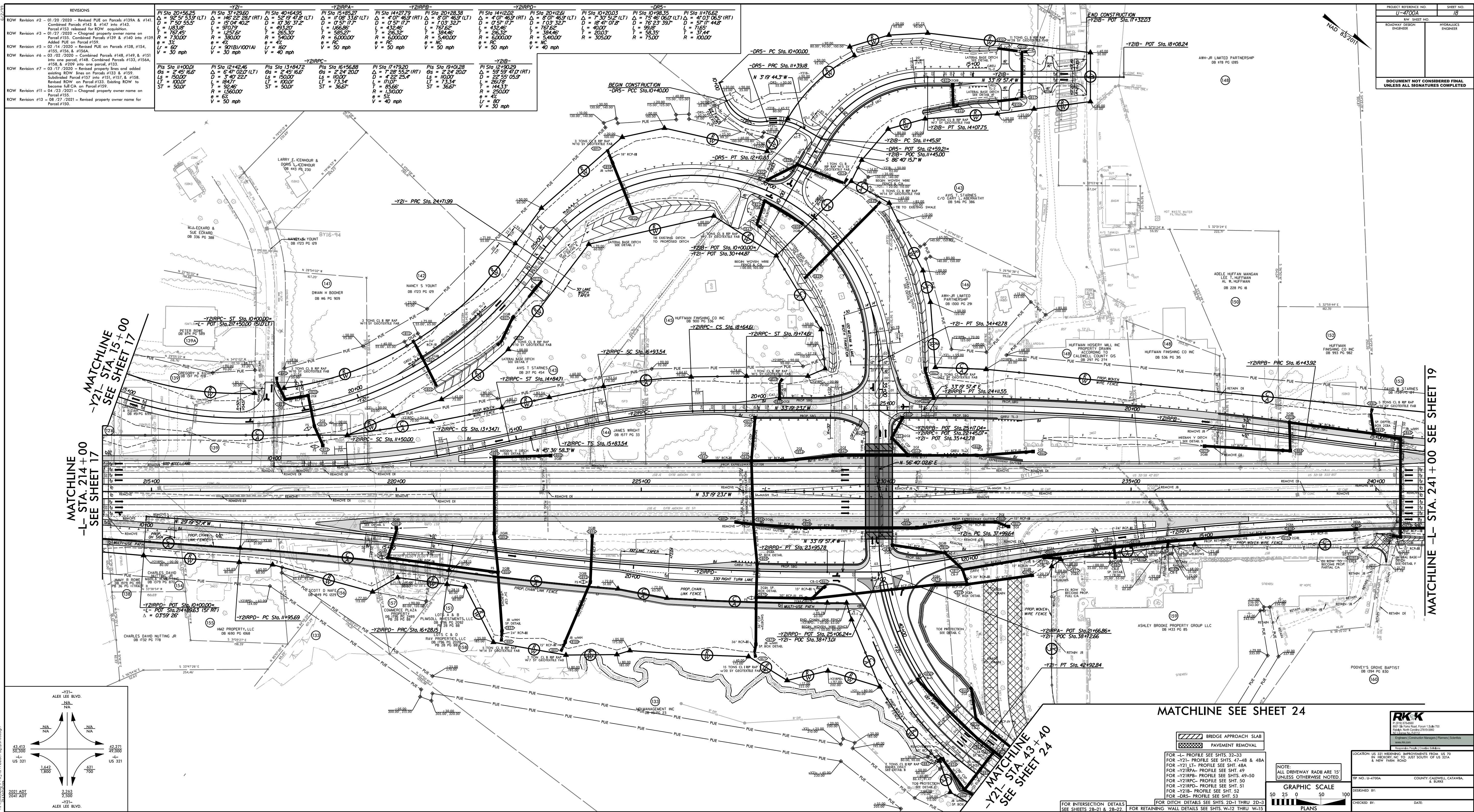
GRAPHIC SCALE

0 25 50 100

PLANS

FOR RIGHT-OF-WAY STATIONS & OFFSETS SEE SHEET 17-ROW
FOR DITCH DETAILS SEE SHEET 17-DITCH
FOR RETAINING WALL DETAILS SEE SHEET 17-WALL

PROJECT REFERENCE NO.	SHEET NO.
<i>U-4700A</i>	<i>18</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS

ROW Revision #2 - 01/20/2020 - Parcels #153, #161, #162, #163, & #216 released for ROW acquisition.

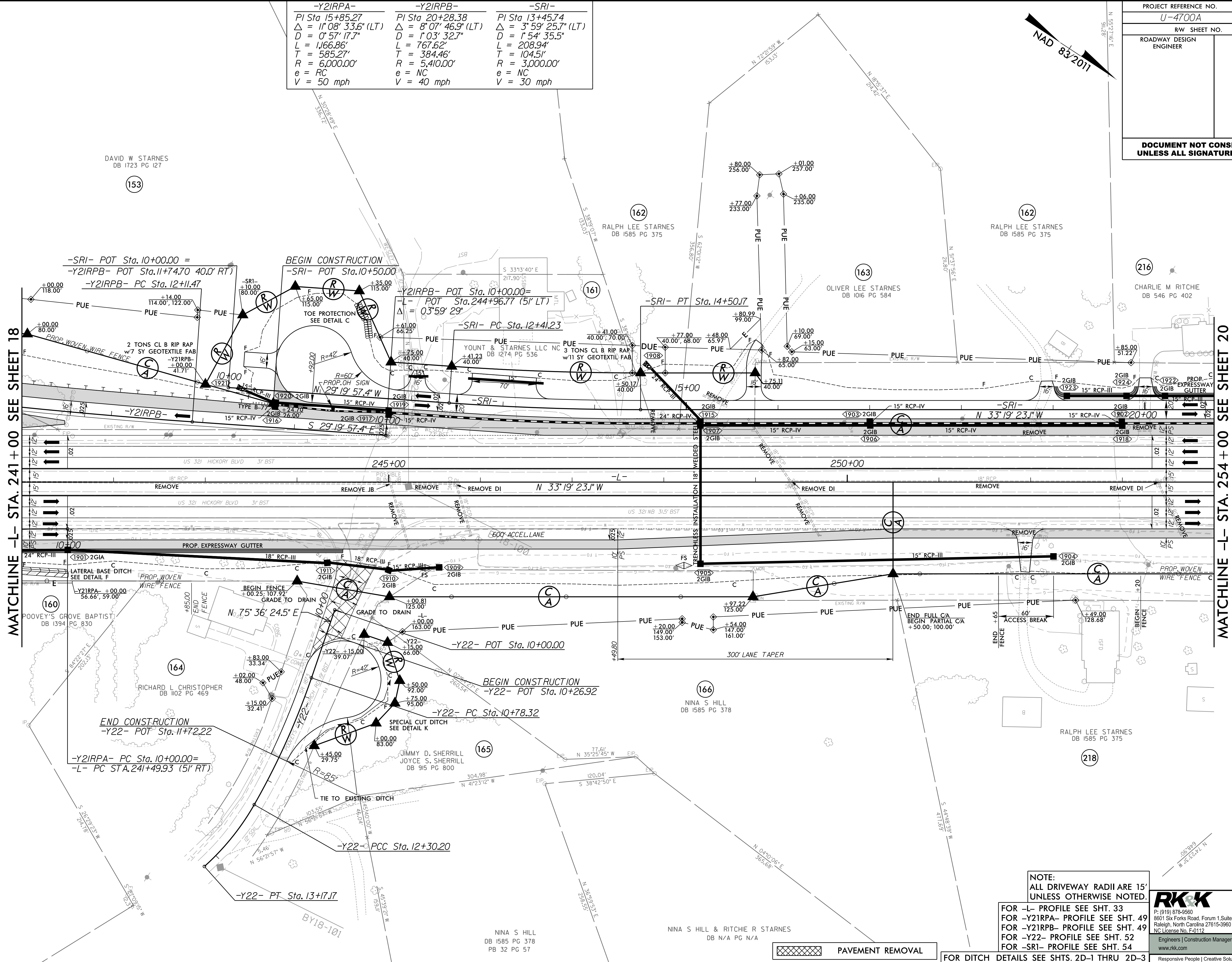
ROW Revision #3 - 01/27/2020 - Added PUE to Parcels #164 & #165. Revised locations of full & partial C/A and added PUE on Parcel #218.

ROW Revision #5 - 02/14/2020 - Revised limits of C/A fence on Parcel #218.

8/17/199

2/14/2020
R:\Projects\47000\47000a_r.dwg
S:\Projects\47000\47000a_r.dwg

-Y2IRPA-	-Y2IRPB-	-SRI-
PI Sta 15+85.27	PI Sta 20+28.38	PI Sta 13+45.74
$\Delta = 11'08'' 33.6''$ (LT)	$\Delta = 8'07'' 46.9''$ (LT)	$\Delta = 3'59'' 25.7''$ (LT)
$D = 0'57'' 17.7''$	$D = 1'03'' 32.7''$	$D = 1'54'' 35.5''$
$L = 1166.86'$	$L = 767.62'$	$L = 208.94'$
$T = 585.27'$	$T = 384.46'$	$T = 104.51'$
$R = 6,000.00'$	$R = 5,410.00'$	$R = 3,000.00'$
$e = RC$	$e = NC$	$e = NC$
$V = 50$ mph	$V = 40$ mph	$V = 30$ mph



NOTE:
ALL DRIVEWAY RADII ARE 15'
UNLESS OTHERWISE NOTED.

FOR -L- PROFILE SEE SHT. 33
FOR -Y2IRPA- PROFILE SEE SHT. 49
FOR -Y2IRPB- PROFILE SEE SHT. 49
FOR -Y22- PROFILE SEE SHT. 52
FOR -SRI- PROFILE SEE SHT. 54

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FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

-L-			
<i>PI Sta 258+58.79</i>	<i>PI Sta 261+06.13</i>	<i>PI Sta 263+92.95</i>	<i>PI Sta 266+07.32</i>
$\Theta_s = 0^\circ 46' 36.8''$	$\Delta = 3^\circ 46' 00.2''$ (LT)	$\Delta = 1^\circ 26' 21.5''$ (LT)	$\Delta = 2^\circ 46' 56.9''$ (LT)
$L_s = 160.00'$	$D = 0^\circ 58' 16.0''$	$D = 0^\circ 46' 27.4''$	$D = 1^\circ 08' 45.3''$
$LT = 106.67'$	$L = 387.88'$	$L = 185.89'$	$L = 242.82'$
$ST = 53.33'$	$T = 194.01'$	$T = 92.95'$	$T = 121.43'$
	$R = 5,900.00'$	$R = 7,400.00'$	$R = 5,000.00'$
	$e = 3\%$		
	$V = 60$ mph		
-SRI-			
<i>PI Sta 24+45.59</i>	<i>PI Sta 30+51.89</i>	<i>PI Sta 32+40.09</i>	
$\Delta = 30^\circ 58' 31.8''$ (LT)	$\Delta = 52^\circ 50' 54.1''$ (LT)	$\Delta = 55^\circ 40' 03.7''$ (RT)	
$D = 8^\circ 18' 13.5''$	$D = 22^\circ 55' 05.9''$	$D = 36^\circ 57' 54.1''$	
$L = 373.03'$	$L = 230.59'$	$L = 150.60'$	
$T = 191.20'$	$T = 124.23'$	$T = 81.84'$	
$R = 690.00'$	$R = 250.00'$	$R = 155.00'$	
$e = 3\%$	$e = 4\%$	$e = 4\%$	
$V = 30$ mph	$V = 30$ mph	$V = 25$ mph	

PAVEMENT REMOVAL

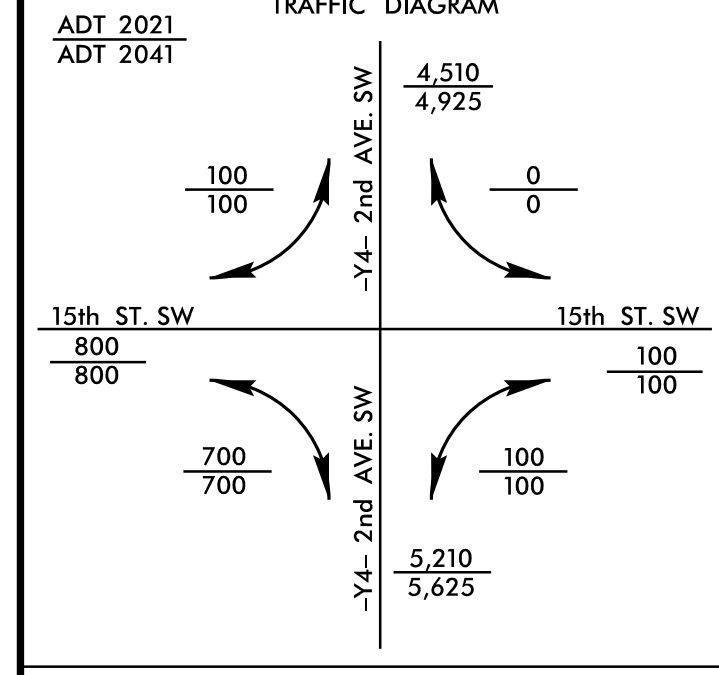
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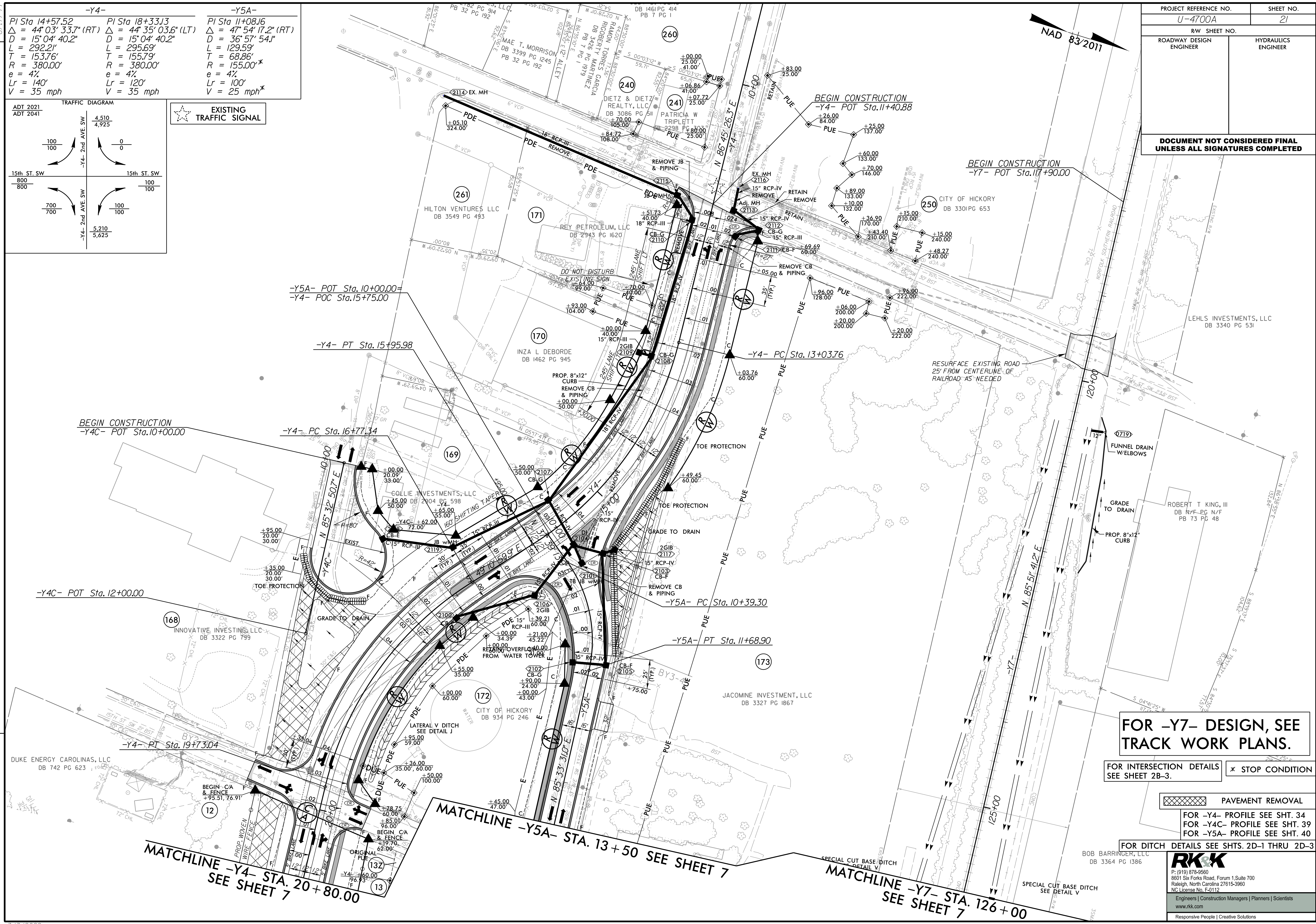
REVISIONS

ROW Revision #7 - 03/17/2020 - Added PUE to Parcels #170 & #171.
ROW Revision #6 - 04/07/2020 - Revised PDE on Parcels #171 & #261. Revised PUE on Parcels #173, #240, #260.
ROW Revision #5 - 05/27/2021 - Revised ROW and added DUE, PDE, & PCE on Parcel #172.
ROW Revision #4 - 05/27/2021 - Added curb and disturbed area on Parcel #171.
ROW Revision #3 - 02/06/2021 - Revised PUE on Parcels #250 & #260.
ROW Revision #2 - 02/24/2022 - Added Parcel #132 for PUE.

-Y4-		-Y5A-
PI Sta 14+57.52	PI Sta 18+33.13	PI Sta 11+08.16
$\Delta = 44^{\circ} 03' 33.7" (RT)$	$\Delta = 44^{\circ} 35' 03.6" (LT)$	$\Delta = 47^{\circ} 54' 17.2" (RT)$
$D = 15^{\circ} 04' 40.2"$	$D = 15^{\circ} 04' 40.2"$	$D = 36^{\circ} 57' 54.1"$
$L = 292.21'$	$L = 295.69'$	$L = 129.59'$
$T = 153.76'$	$T = 155.79'$	$T = 68.86'$
$R = 380.00'$	$R = 380.00'$	$R = 155.00' *$
$e = 4\%$	$e = 4\%$	$e = 4\%$
$Lr = 140'$	$Lr = 120'$	$Lr = 100'$
$V = 35 \text{ mph}$	$V = 35 \text{ mph}$	$V = 25 \text{ mph} *$



EXISTING
TRAFFIC SIGNAL



PROJECT REFERENCE NO.		SHEET NO.
U-4700A		21
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

FOR -Y7- DESIGN, SEE
TRACK WORK PLANS.

FOR INTERSECTION DETAILS
SEE SHEET 2B-3.

PAVEMENT REMOVAL

FOR -Y4- PROFILE SEE SHT. 34
FOR -Y4C- PROFILE SEE SHT. 39
FOR -Y5A- PROFILE SEE SHT. 40

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

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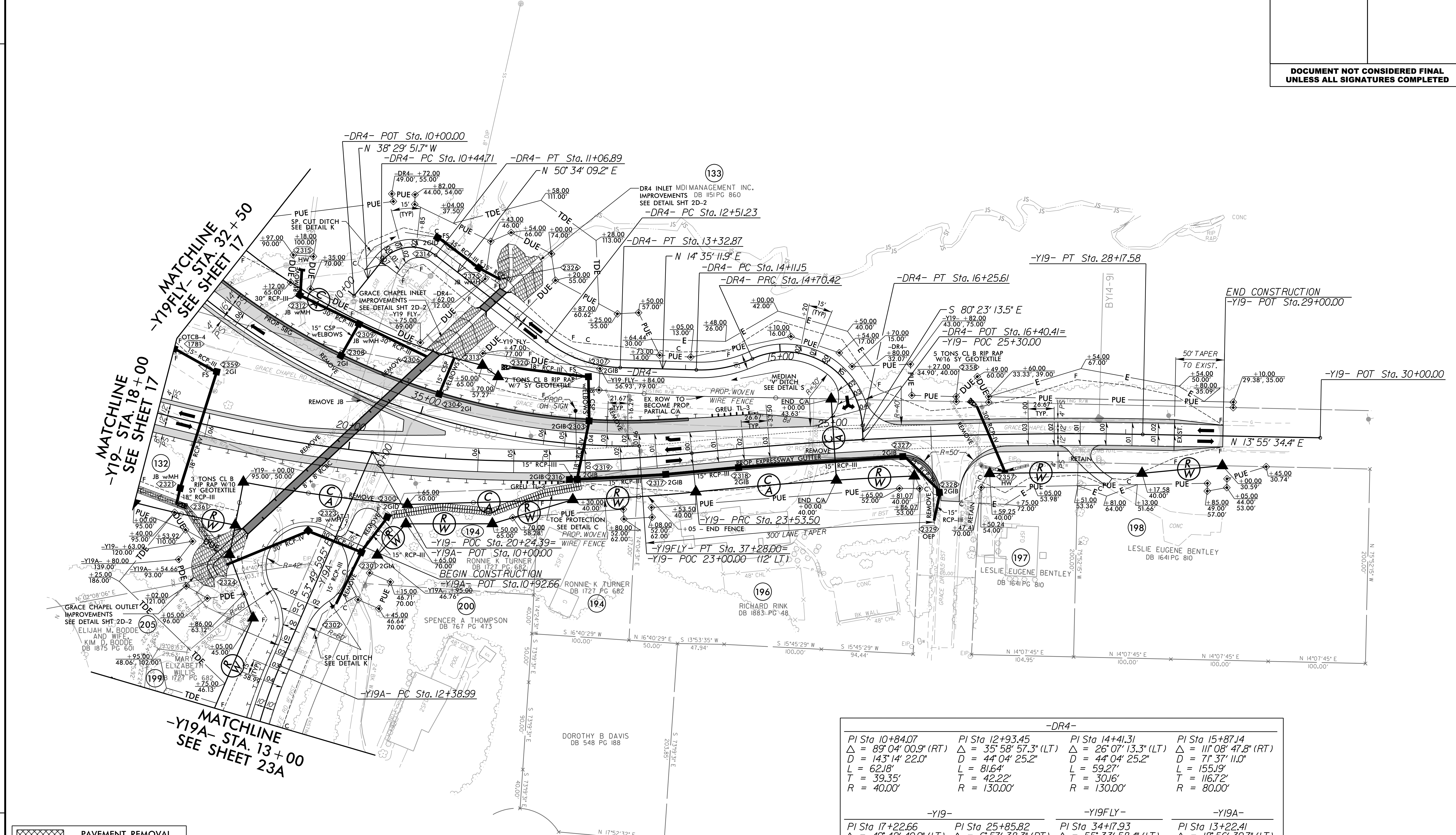
FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3
FOR RETAINING WALL DETAILS SEE SHTS. W-06 & W-07



5/12/2022
R:\Roadwa
cwhite

NAD 83/2011

8/17/99



PAVEMENT REMOVAL

NOTE:
ALL DRIVEWAY RADII ARE 15'
UNLESS OTHERWISE NOTED.
FOR -Y19- PROFILE SEE SHT. 45
FOR -Y19A- PROFILE SEE SHT. 45
FOR -Y19FLY- PROFILE SEE SHT. 47
FOR -DR4- PROFILE SEE SHT. 53
FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

-DR4-			
PI Sta 10+84.07 Δ = 89° 04' 00.9" (RT) D = 143' 14" 22.0" L = 62.18' T = 39.35' R = 40.00'	PI Sta 12+93.45 Δ = 35° 58' 57.3" (LT) D = 44° 04' 25.2" L = 81.64' T = 42.22' R = 130.00'	PI Sta 14+41.31 Δ = 26° 07' 13.3" (LT) D = 44° 04' 25.2" L = 59.27' T = 30.16' R = 130.00'	PI Sta 15+87.14 Δ = 111° 08' 47.8" (RT) D = 71' 37" 11.0" L = 155.19' T = 116.72' R = 80.00'
-Y19-			
PI Sta 17+22.66 Δ = 49° 42' 40.9" (LT) D = 3' 40" 22.1" L = 1,353.50' T = 722.66' R = 1,560.00' e = 6% Lr = 220' V = 50 mph	PI Sta 25+85.82 Δ = 6° 57' 38.3" (RT) D = 1' 29' 59.6" L = 464.08' T = 232.32' R = 3,820.00' e = 3% Lr = 80' V = 50 mph	PI Sta 34+17.93 Δ = 55° 33' 58.4" (LT) D = 8' 11" 06.4" L = 678.87' T = 368.80' R = 700.00' e = 6% Lr = 40' V = 40 mph	PI Sta 13+22.41 Δ = 18° 56' 39.7" (LT) D = 11' 27' 33.0" L = 165.32' T = 83.42' R = 500.00' e = 4% Lr = 60' V = 30 mph



-Y19A-		-Y19B-	
<i>PI Sta 13+22.41</i>	<i>PI Sta 14+78.83</i>	<i>PI Sta 13+63.21</i>	<i>PI Sta 15+76.02</i>
$\Delta = 18^{\circ} 56' 39.7''$ (LT)	$\Delta = 33^{\circ} 11' 57.0''$ (RT)	$\Delta = 54^{\circ} 30' 06.0''$ (RT)	$\Delta = 28^{\circ} 12' 55.8''$ (LT)
<i>D = 11' 27' 33.0"</i>	<i>D = 22' 55' 05.9"</i>	<i>D = 22' 55' 05.9"</i>	<i>D = 22' 55' 05.9"</i>
<i>L = 165.32'</i>	<i>L = 144.86'</i>	<i>L = 237.81'</i>	<i>L = 123.11'</i>
<i>T = 83.42'</i>	<i>T = 74.53'</i>	<i>T = 128.76'</i>	<i>T = 62.83'</i>
<i>R = 500.00'</i>	<i>R = 250.00'</i>	<i>R = 250.00'</i>	<i>R = 250.00'</i>
<i>e = 4%</i>	<i>e = 4%</i>	<i>e = 4%</i>	<i>e = 4%</i>
<i>Lr = 60'</i>	<i>Lr = 60'</i>	<i>Lr = 70'</i>	<i>Lr = 70'</i>
<i>V = 30 mph</i>	<i>V = 30 mph</i>	<i>V = 30 mph</i>	<i>V = 30 mph</i>

NOTE:
ALL DRIVEWAY RADII ARE 15'
UNLESS OTHERWISE NOTED

FOR -Y19A- PROFILE SEE SHT. 45
FOR -Y19B- PROFILE SEE SHT. 46

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

 PAVEMENT REMOVAL

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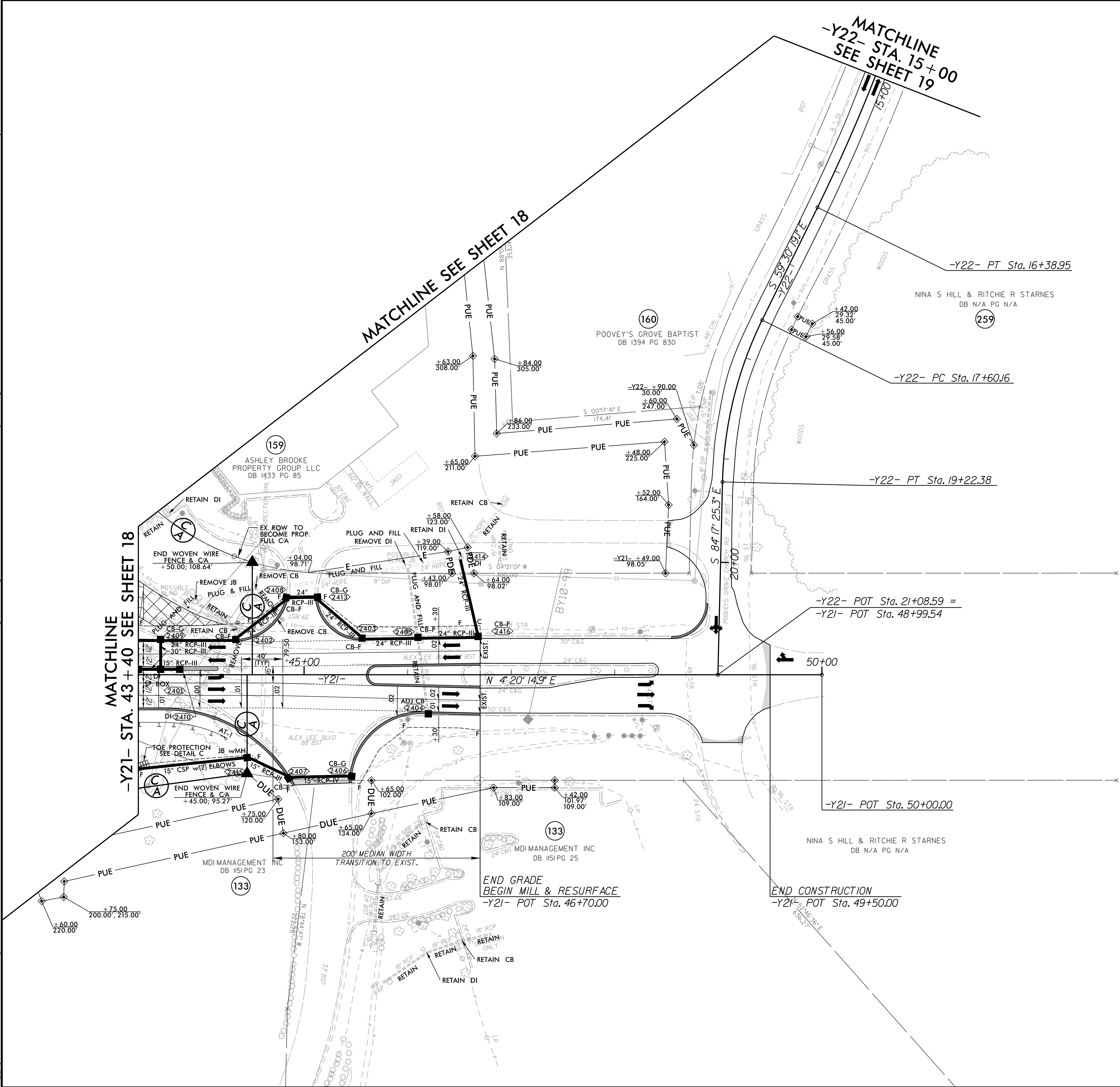
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REVISIONS

ROW Revision #2 - 01/20/2020 - Changed PUE into DUE and revised DUE & PUE on Parcels #158 & #209.
ROW Revision #3 - 01/27/2020 - Revised PUE on Parcels #158 & #209, Added PUE on Parcel #159.
ROW Revision #7 - 03/17/2020 - Revised property lines & added existing ROW lines on Parcels #153 & #159, Existing ROW to become full C/A on Parcel #159, Revised TCE, PDE, & ROW to become full C/A on Parcel #153.
ROW Revision #8 - 04/07/2020 - Added PUE to Parcel #159.
ROW Revision #15 - 12/06/2021 - Revised PUE on Parcel #159.
ROW Revision #18 - 02/14/2022 - Revised PUE on Parcel #159.
ROW Revision #21 - 04/07/2022 - Shortened median island -Y21- at -Y22- at -Y21- Intersection & driveway widening on Parcel #159.

4/8/2022
R:\Projects\Proj\47000\47000.dwg



NAD 83/2011

PROJECT REFERENCE NO.		SHEET NO.
U-4700A		24
RW SHEET NO.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

-Y22-	
PI Sta 15+12.06	PI Sta 18+42.56
$\Delta = 8^{\circ} 40' 19.1''$ (RT)	$\Delta = 24^{\circ} 47' 06.2''$ (LT)
D = 3' 24' 37.7"	D = 15' 16' 43.9"
L = 254.28'	L = 162.22'
T = 127.38'	T = 82.40'
R = 1,680.00'	R = 375.00'

FOR INTERSECTION DETAILS
SEE SHEET 2B-23.

FOR DITCH DETAILS SEE SHTS. 2D-1 THRU 2D-3

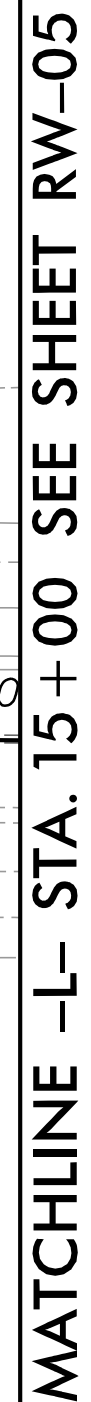
FOR -Y21- PROFILE SEE SHT. 48A
FOR -Y21- LT- PROFILE SEE SHT. 48A

PAVEMENT REMOVAL

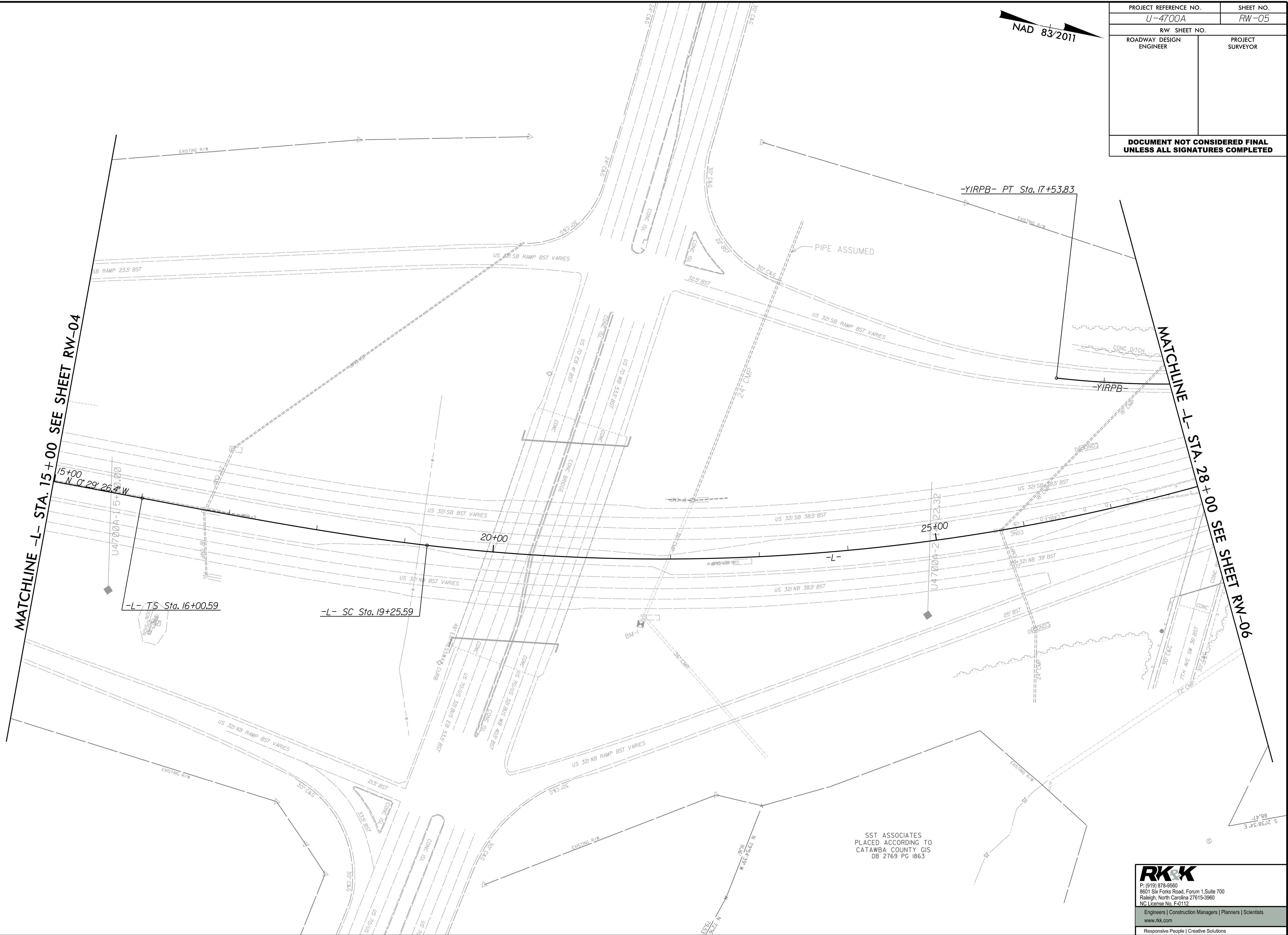
RK&K

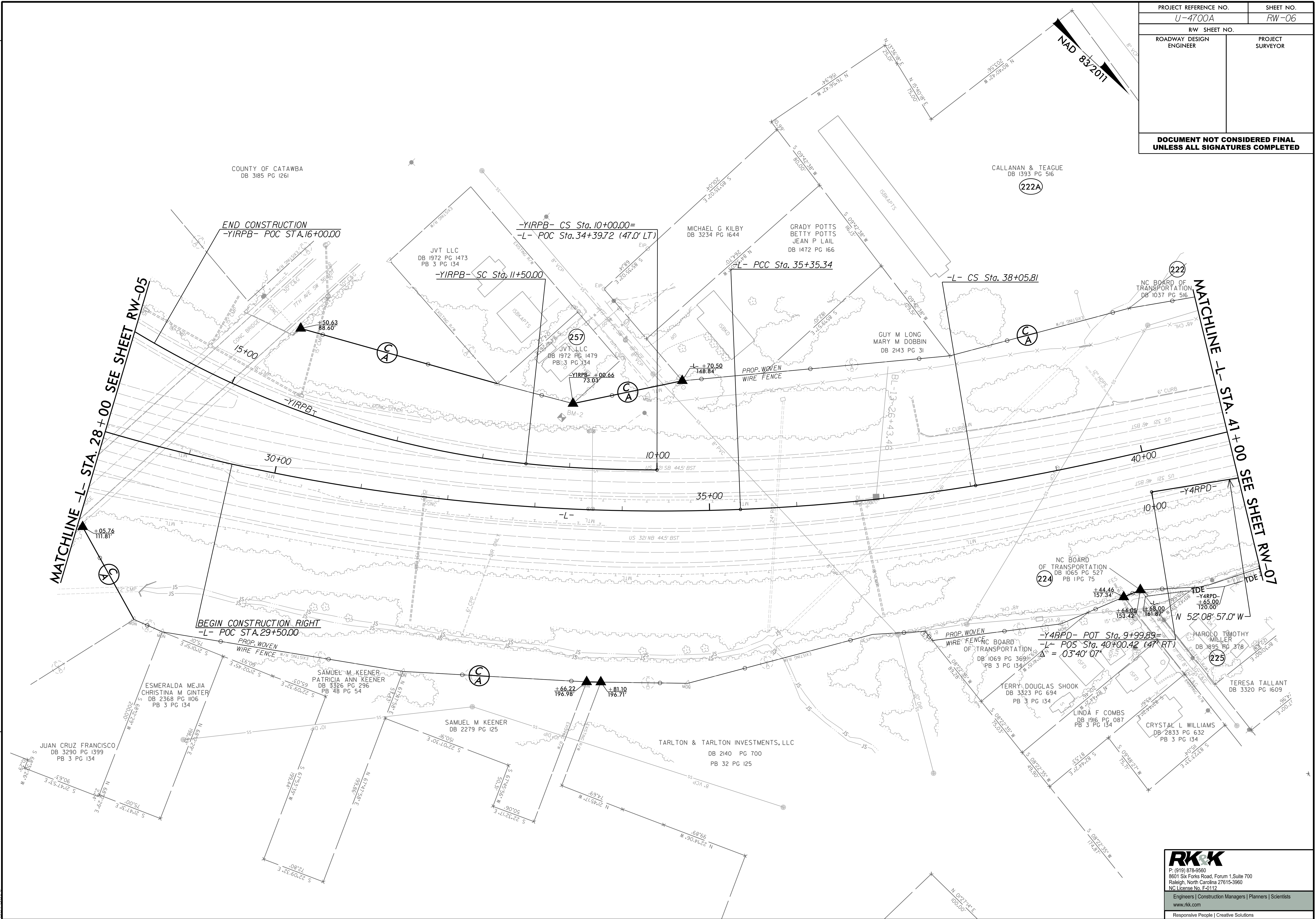
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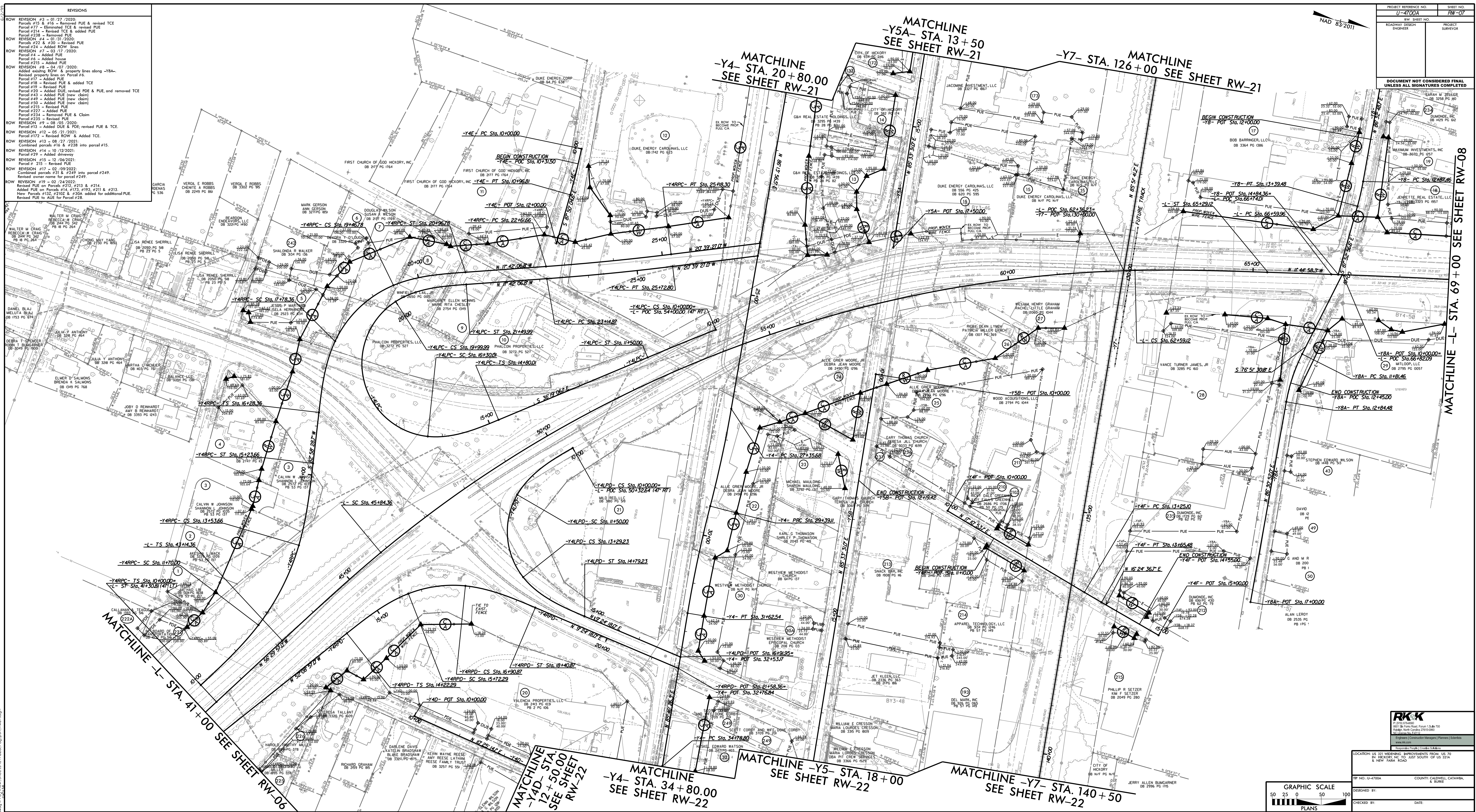


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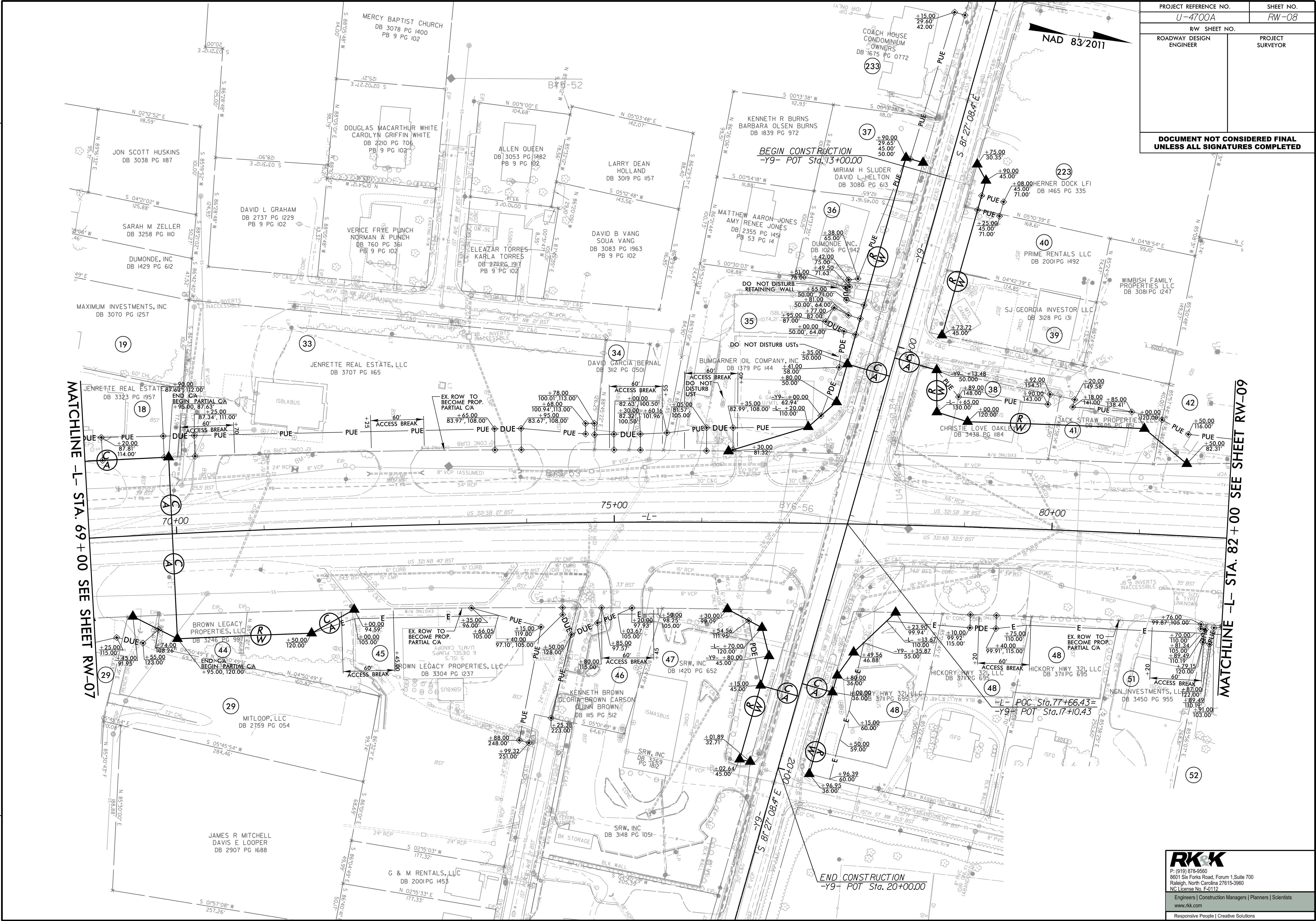




	REVIEWS
ROW	REVISION #13 = 01/27/2020 Parcel #11 & #16 - removed PUE & revised TCE Parcel #17 - removed PUE & revised TCE
ROW	REVISION #14 = 01/27/2020 Parcel #14 - Revised TCE & added PUE Parcel #15 - removed PUE
ROW	REVISION #14 = 01/27/2020 Parcel #22 & #30 - Revised PUE Parcel #24 - Added ROW lines Parcel #25 - 01/27/2020 Parcel #26 - Added ROW lines Parcel #42 - Added house Parcel #43 - Added PUE
ROW	REVISION #15 = 04/07/2020 Added existing ROW & acreage lines along "B" line. Revised property lines on Parcel #43 Parcel #44 - Added TCE Parcel #45 - Added TCE Parcel #49 - Revised PUE Parcel #50 - Revised PUE & PUE, und removed TCE Parcel #53 - Added PUE (new claim) Parcel #54 - Added PUE (new claim) Parcel #55 - Added PUE (new claim) Parcel #62 - Revised PUE Parcel #72 - Added PUE Parcel #73 - Added PUE
ROW	REVISION #15 = 08/05/2020 Parcel #1234 - Removed PUE & Claim Parcel #1235 - Added PUE & Claim
ROW	REVISION #16 = 05/21/2021 Parcel #1236 - Added ROW Parcel #1237 - Added TCE
ROW	REVISION #13 = 08/27/2021 Combined parcels #1236 & #1237 into parcel #1235
ROW	REVISION #14 = 10/12/2021 Parcel #1235 - Added PUE
ROW	REVISION #15 = 12/06/2021 Parcel #1235 - Added PUE
ROW	REVISION #17 = 02/09/2022 Parcel #1235 - Added ROW Revised owner names for parcel #249
ROW	REVISION #18 = 02/09/2022 Revised PUE Parcel #1235 - Added PUE & TCE Parcel #1236 - Added PUE & TCE Parcel #1237 - Added PUE & TCE Parcel #1238 - Added PUE & TCE Parcel #1239 - Added PUE & TCE Parcel #1240 - Added PUE & TCE Parcel #1241 - Added PUE & TCE Parcel #1242 - Added PUE & TCE Parcel #1243 - Added PUE & TCE Parcel #1244 - Added PUE & TCE Parcel #1245 - Added PUE & TCE Parcel #1246 - Added PUE & TCE Parcel #1247 - Added PUE & TCE Parcel #1248 - Added PUE & TCE Parcel #1249 - Added PUE & TCE Parcel #1250 - Added PUE & TCE Parcel #1251 - Added PUE & TCE Parcel #1252 - Added PUE & TCE Parcel #1253 - Added PUE & TCE Parcel #1254 - Added PUE & TCE Parcel #1255 - Added PUE & TCE Parcel #1256 - Added PUE & TCE Parcel #1257 - Added PUE & TCE Parcel #1258 - Added PUE & TCE Parcel #1259 - Added PUE & TCE Parcel #1260 - Added PUE & TCE Parcel #1261 - Added PUE & TCE Parcel #1262 - Added PUE & TCE Parcel #1263 - Added PUE & TCE Parcel #1264 - Added PUE & TCE Parcel #1265 - Added PUE & TCE Parcel #1266 - Added PUE & TCE Parcel #1267 - Added PUE & TCE Parcel #1268 - Added PUE & TCE Parcel #1269 - Added PUE & TCE Parcel #1270 - Added PUE & TCE Parcel #1271 - Added PUE & TCE Parcel #1272 - Added PUE & TCE Parcel #1273 - Added PUE & TCE Parcel #1274 - Added PUE & TCE Parcel #1275 - Added PUE & TCE Parcel #1276 - Added PUE & TCE Parcel #1277 - Added PUE & TCE Parcel #1278 - Added PUE & TCE Parcel #1279 - Added PUE & TCE Parcel #1280 - Added PUE & TCE Parcel #1281 - Added PUE & TCE Parcel #1282 - Added PUE & TCE Parcel #1283 - Added PUE & TCE Parcel #1284 - Added PUE & TCE Parcel #1285 - Added PUE & TCE Parcel #1286 - Added PUE & TCE Parcel #1287 - Added PUE & TCE Parcel #1288 - Added PUE & TCE Parcel #1289 - Added PUE & TCE Parcel #1290 - Added PUE & TCE Parcel #1291 - Added PUE & TCE Parcel #1292 - Added PUE & TCE Parcel #1293 - Added PUE & TCE Parcel #1294 - Added PUE & TCE Parcel #1295 - Added PUE & TCE Parcel #1296 - Added PUE & TCE Parcel #1297 - Added PUE & TCE Parcel #1298 - Added PUE & TCE Parcel #1299 - Added PUE & TCE Parcel #1300 - Added PUE & TCE



REVISIONS	
ROW Revision #5	02/14/2020 - Combined Parcels #29 & #43 Into one parcel, #29.
ROW Revision #7	03/17/2020 - Revised names on Parcels #38, #41, & #48. Combined Parcels #48, #49, & #50 Into one parcel, #50.
ROW Revision #8	04/07/2020 - Revised PUE on Parcels #38 & #41.
ROW Revision #9	08/05/2020 - Combined Parcels #44 & #45 Into one parcel, #44. Added access break to Parcel #33.
ROW Revision #11	04/23/2021 - Split parcel #44 into parcels #44 & #45.
ROW Revision #12	05/21/2021 - Revised property lines & existing ROW on Parcel #47.
ROW Revision #13	08/27/2021 - Removed PUE & revised TCE on Parcel #48.
ROW Revision #14	10/12/2021 - Revised ROW on Parcel #33.
ROW Revision #15	12/06/2021 - Added "Do Not Disturb USTs" note and revised drainage on parcel #35. Updated owner for parcel #33, #41, #48 and #51.
ROW Revision #17	02/09/2022 - Revised TCE and ROW on Parcel 48 along -Y9-.
ROW Revision #19	02/24/2022 - Revised PUE on Parcels #34 & #35. Added PUE to Parcels #51 & #52. Reduced ROW on Parcel #35 at corner of -L-/-Y9- to avoid metal canopy.

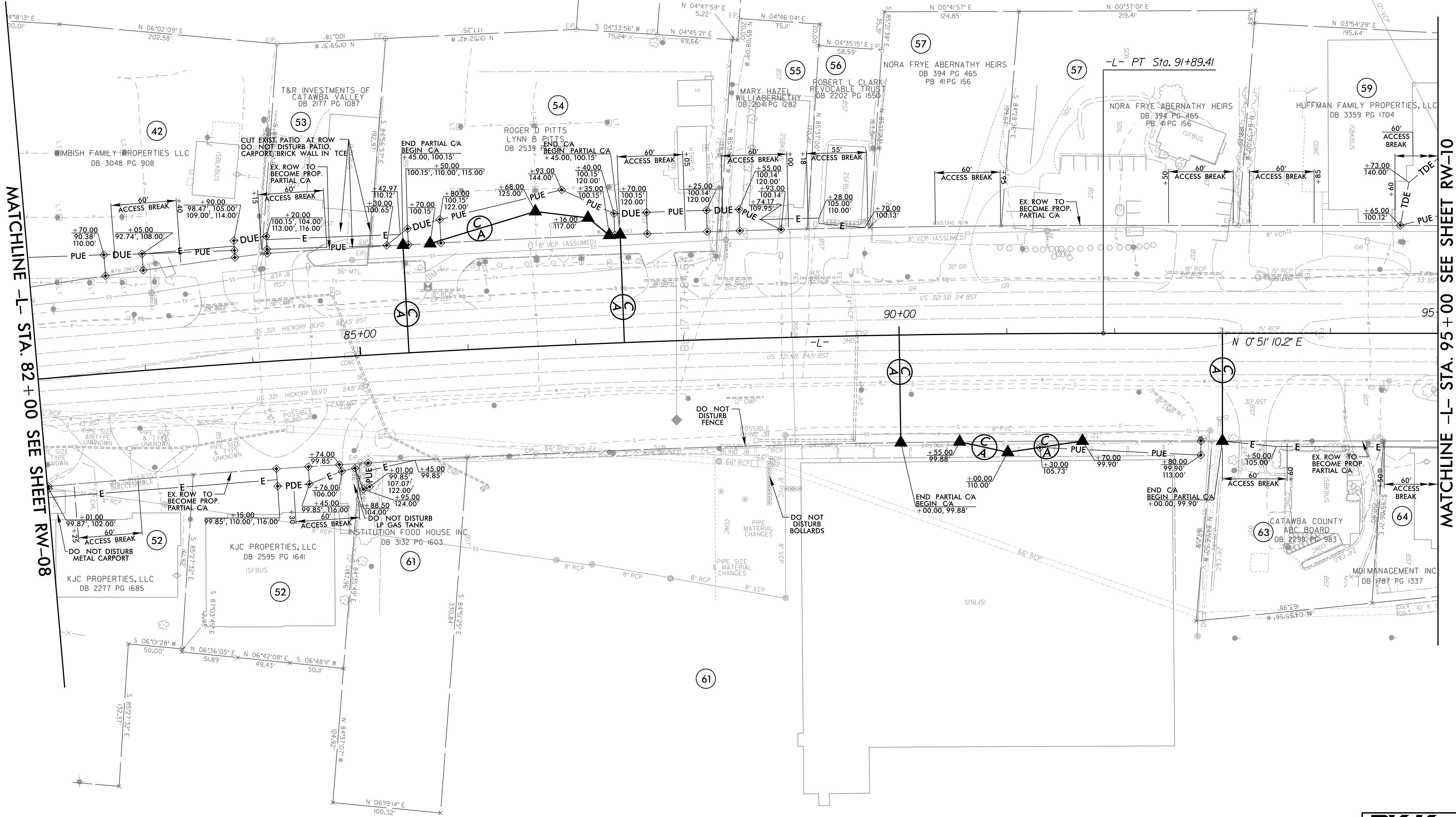


REVISIONS

ROW Revision #7 - 03/17/2020 - Combined Parcels #52 & #60 into one parcel, #52. Combined Parcels #57 & #58 into one parcel, #57.
ROW Revision #8 - 04/07/2020 - Added PUE on Parcel #62.
ROW Revision #9 - 08/05/2020 - Combined Parcels #61 & #62 into one parcel, #62. Added do not disturb note on Parcel #61.
ROW Revision #10 - 10/23/2020 - Removed PDE on Parcel #61.
ROW Revision #11 - 04/23/2021 - Revised TCE & DUE and added PUE on parcels #54 & #55.
ROW Revision #15 - 12/06/2021 - Revised TCE and added PUE on parcels #52 & #61.
ROW Revision #17 - 02/09/2022 - Added "cut exist patio at row do not disturb patio, carport, brick wall in TCE" note on parcel #53.
ROW Revision #19 - 02/24/2022 - Added PUE to Parcel #52.

8/17/99

3/3/2022
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PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		RW-09	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		PROJECT SURVEYOR	

MATCHLINE -L- STA. 82 + 00 SEE SHEET RW-08

MATCHLINE -L- STA. 95 + 00 SEE SHEET RW-10

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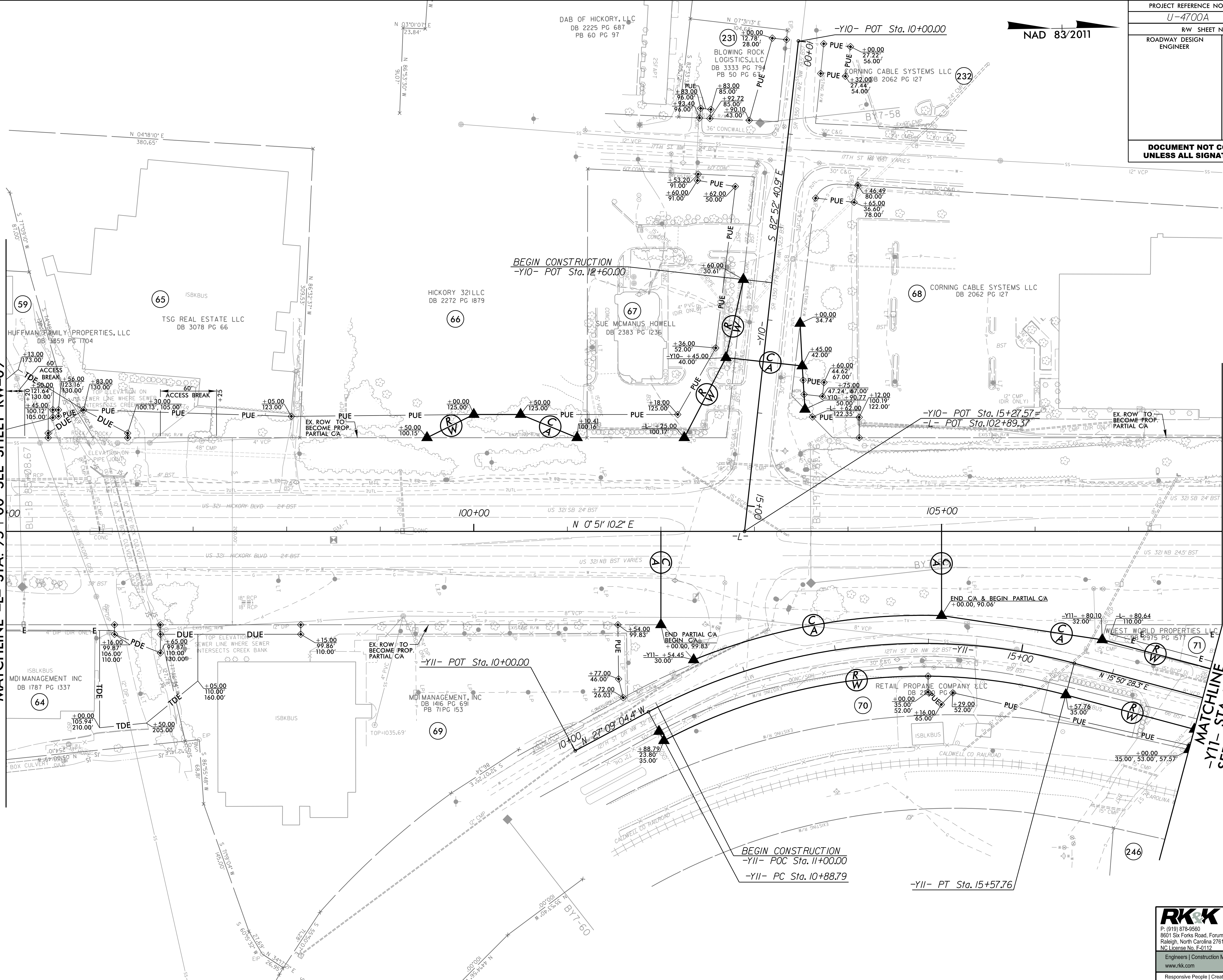
REVISIONS

- ROW Revision #3 - 01/27/2020 - Added PUE to Parcel #70
ROW Revision #4 - 01/31/2020 - Revised PUE on Parcel #69
ROW Revision #5 - 02/14/2020 - Combined Parcels #64 & #69 into one parcel, #64.
ROW Revision #9 - 08/05/2020 - Revised ROW & TCE on Parcel #71.
ROW Revision #13 - 08/27/2021 - Removed driveway on Parcel #64.
ROW Revision #14 - 10/04/2021 - Added driveway on Parcel #64.
ROW Revision #15 - 12/06/2021 - Added PUE to Parcel #68.
ROW Revision #17 - 02/14/2022 - Split parcel #64 into parcels #64 and #69.
ROW Revision #19 - 02/24/2022 - Converted portion of TCE to PUE on Parcel #59, Added PUE to Parcel #231.

3/3/2022
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8/17/99

MATCHLINE -L- STA. 95+00 SEE SHEET RW-09



MATCHLINE -L- STA. 109+00
SEE SHEET RW-11

MATCHLINE -Y11- STA. 17+00
SEE SHEET RW-17

PROJECT REFERENCE NO.		SHEET NO.
U-4700A		RW-10
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



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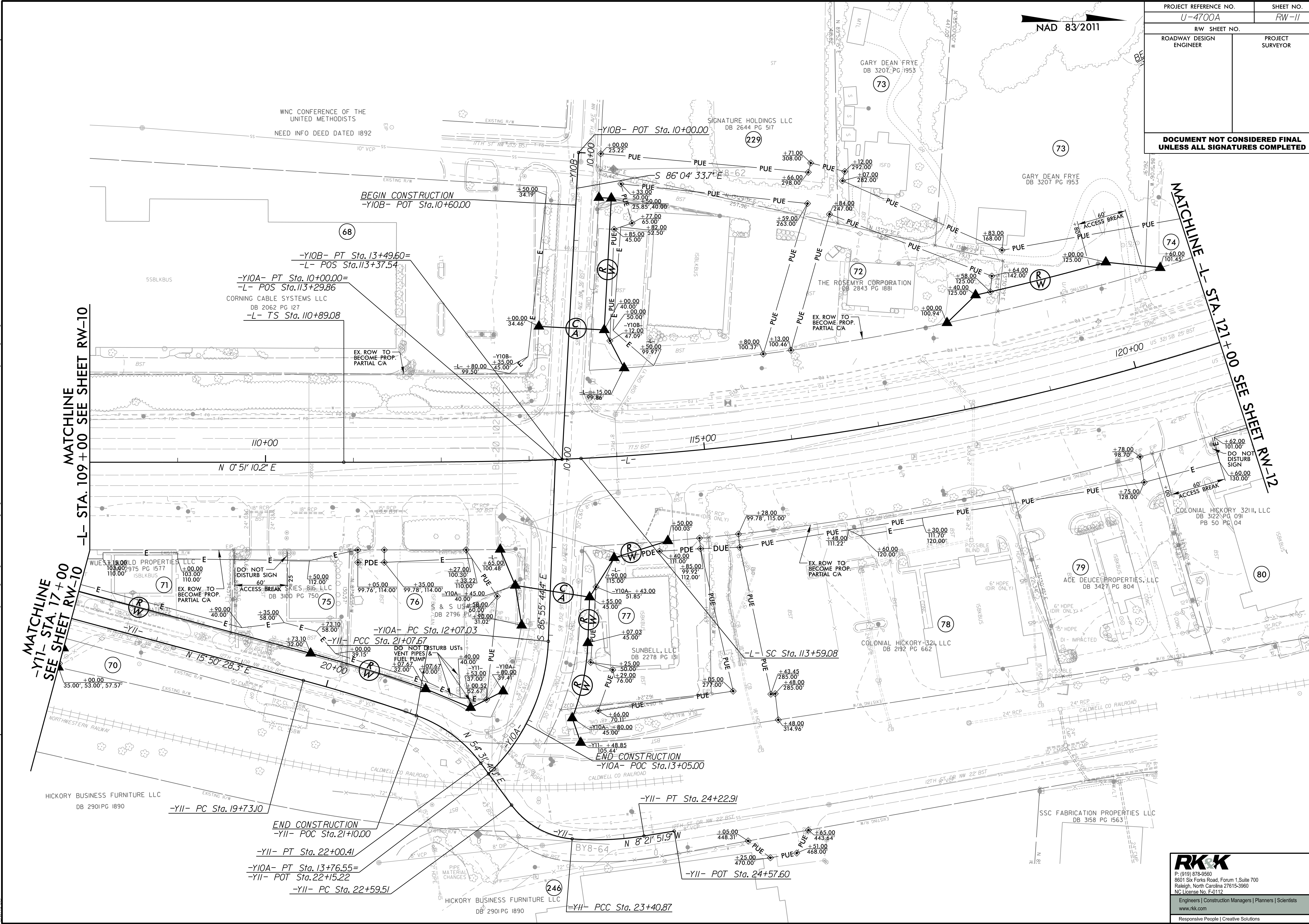
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REVISIONS

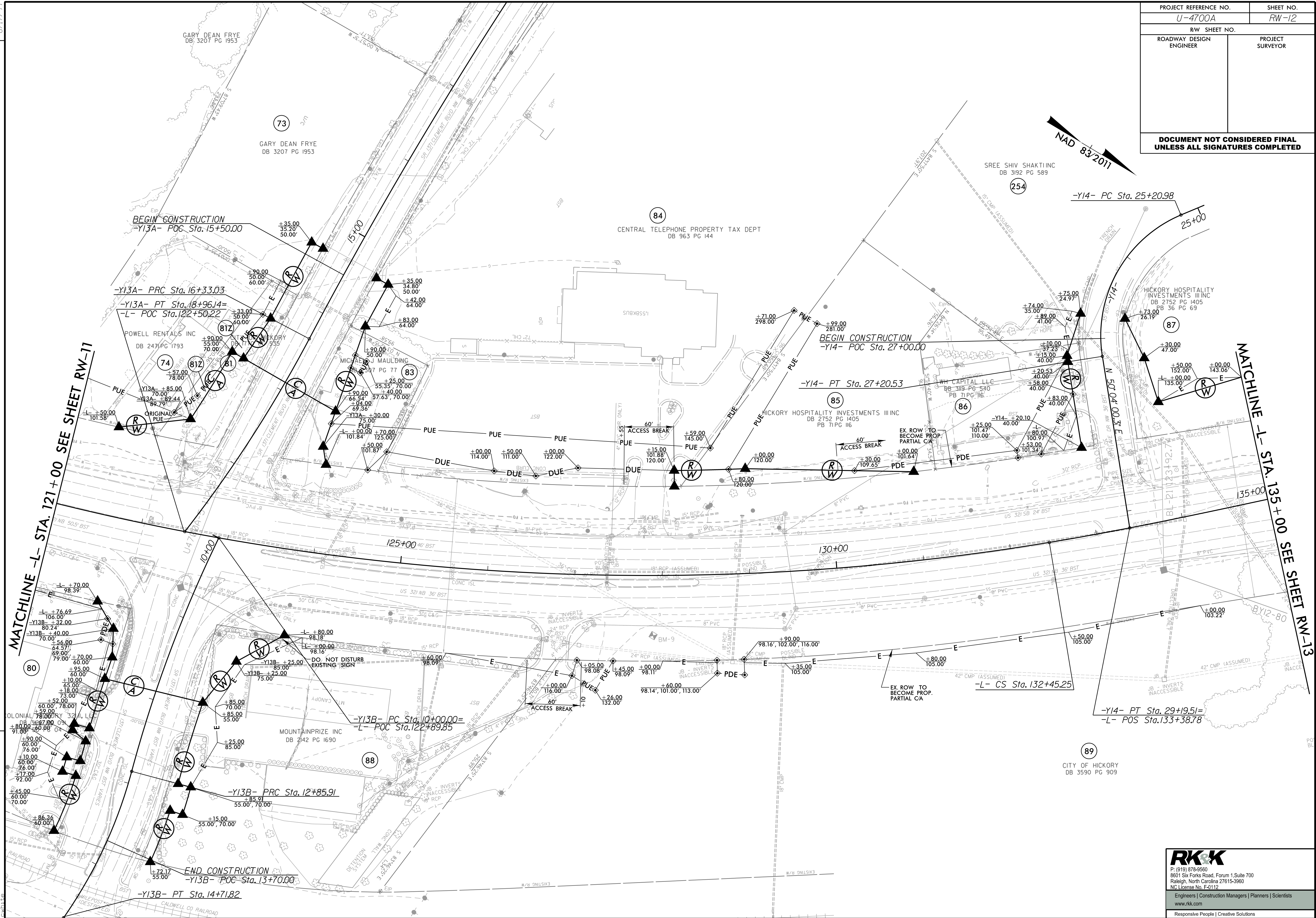
ROW Revision #3 - 01/27/2020 - Added PUE to Parcel #246
ROW Revision #7 - 03/17/2020 - Combined Parcels #73, #82 & #230 into Parcel #73.
ROW Revision #9 - 08/05/2020 - Revised ROW & TCE on Parcels #71 & #75, Revised ROW, PUE & TCE on Parcel #76, Revised PUE on Parcel #246.
ROW Revision #13 - 08/27/2021 - Added driveway & revised TCE on Parcel #75, Revised property owner name on Parcel #79.
ROW Revision #15 - 12/06/2021 - Revised PUE on Parcel #78.
ROW Revision #16 - 01/19/2022 - Revised PUE on Parcel #246.
ROW Revision #18 - 02/09/2022 - Revised term with from -111- STA.21+00 LT TO -Y10A- STA.21+00 LT TO -Y10A- STA.12+75 BT and added 'Do Not Disturb USTs, vent pipes and fuel pump' note on Parcel #76.
ROW Revision #20 - 03/27/2022 - Adjusted grading to end existing sign and added 'Do Not Disturb' to Parcel #73, Adjusted grading, reduced TCE and added 'Do Not Disturb' on Parcel #80.

8/17/99

3/23/2022
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PROJECT REFERENCE NO.	SHEET NO.
<i>U-4700A</i>	<i>RW-12</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	PROJECT SURVEYOR
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



	REVISIONS
ROW Revision #5	- Revised ROW & added TCE on Parcels #86 & #254
ROW Revision #6	- Revised ROW, PDE & #89. Added driveway on Parcel #84. Removed TCE line inside PUE on Parcel #83. Revised PDE on Parcel #85.
ROW Revision #7	- Revised ROW, PDE & PUE and added DUE on Parcel #86.
ROW Revision #8	- Combined Parcels #73, #82, #230 Into Parcel #73. Removed DUE & revised PUE on Parcel #86.
ROW Revision #9	- Revised ROW & TCE and added PDE on Parcel #88 & #89.
ROW Revision #10	- Revised ROW & TCE and added PDE on Parcel #80. Added TCE on Parcels #86 & #87.
ROW Revision #11	- Added PUE on parcel #83. Revised name and deed book on parcel #89.
ROW Revision #12	- Added parcel #81Z for PUE.
ROW Revision #13	- Adjusted grading, reduced TCE and added "Do Not Disturb" on Parcel #80.
ROW Revision #14	-
ROW Revision #15	-
ROW Revision #16	-
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ROW Revision #99	-
ROW Revision #100	-

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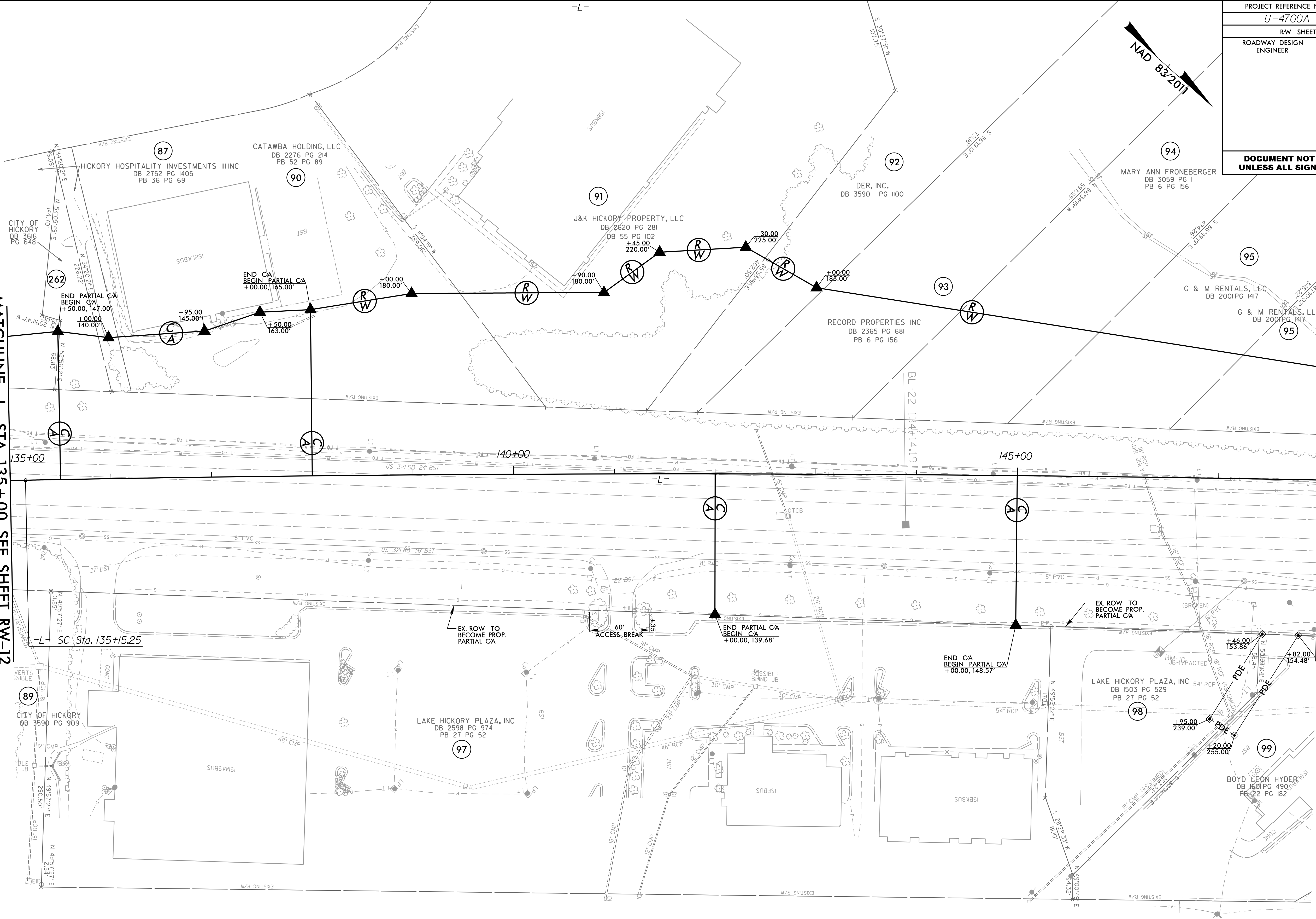
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REVISIONS

- ROW Revision #6 - 03/02/2020 - Removed PUE from Parcels #97, #98, & #99.
ROW Revision #7 - 03/17/2020 - Combined Parcels #95 & #96 into Parcel #95. Revised property owners on Parcels #91 & #99.
ROW Revision #9 - 08/05/2020 - Revised property lines on Parcels #89 & #97.
ROW Revision #11 - 04/23/2021 - Changed property owner name on Parcel #92. Added PUE on Parcels #98 & #99.
ROW Revision #12 - 05/21/2021 - Revised property lines to split Parcel #87 into #87 & #262.
ROW Revision #17 - 02/09/2022 - Revised name and deed book on parcel #89.

8/17/99

MATCHLINE -L- STA. 135 + 00 SEE SHEET RW-12



MATCHLINE -L- STA. 148 + 00 SEE SHEET RW-14

PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		RW-13	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		PROJECT SURVEYOR	



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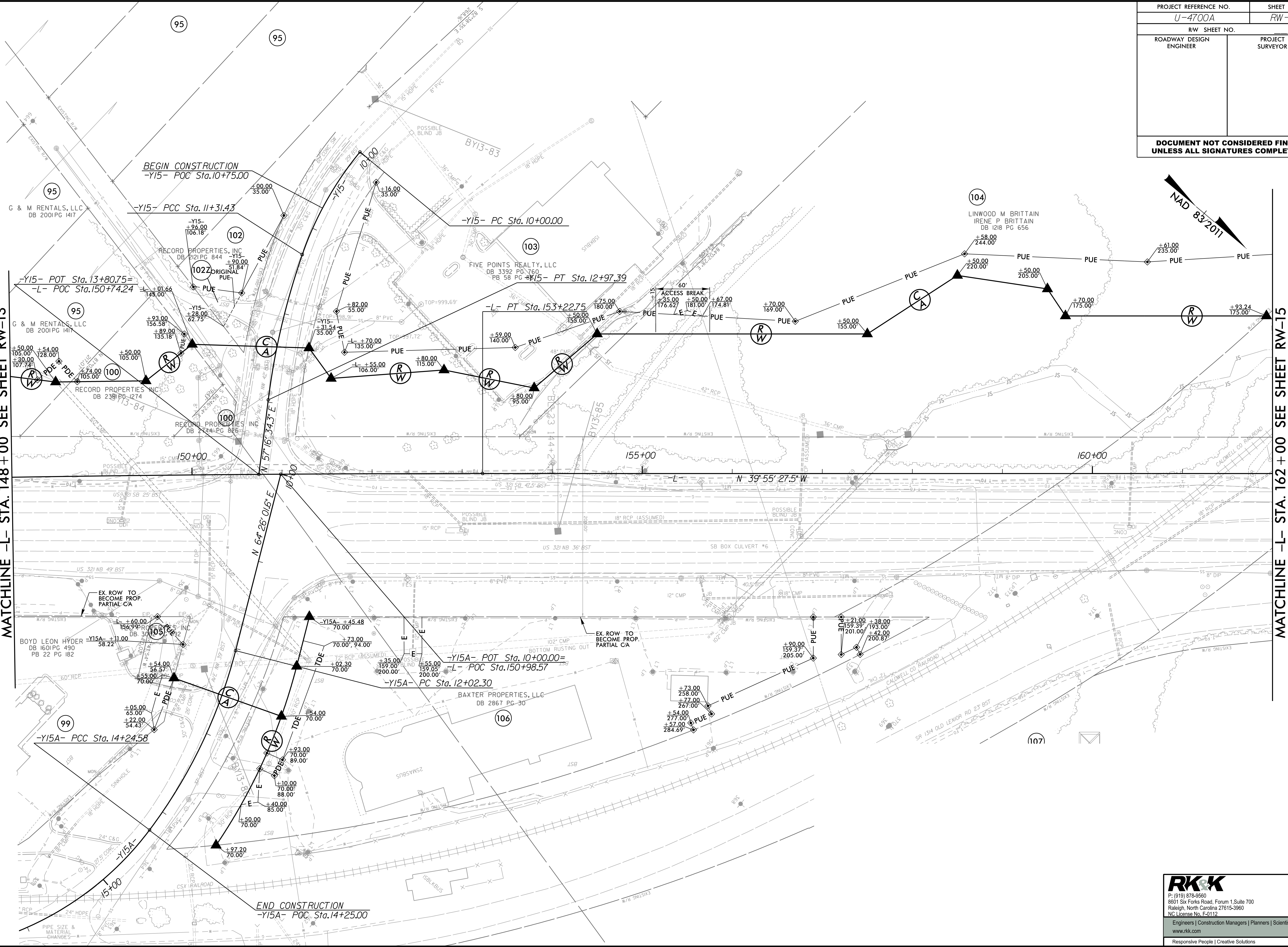
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REVISIONS

- ROW Revision #4 - 01/31/2020 - Added PDE to Parcel #106.
 ROW Revision #7 - 03/17/2020 - Revised property owner name on Parcel #99, Combined Parcels #95 & #96 into Parcel #95, Combined Parcels #100 & #101 into one Parcel #100.
 ROW Revision #9 - 08/05/2020 - Added driveway access break & TCE to Parcel #104.
 ROW Revision #10 - 08/05/2020 - Added PUE to Parcels #100 & #106, Added PUE & revised TCE on Parcels #103 & #104, Added PUE to Parcel #107 (new parcel).
 ROW Revision #11 - 04/23/2021 - Part of TCE replaced with PDE on Parcel #99, Parcel #100, Parcel #106, Added TCE at L- RT Sta.152+45 +/-; Removed PDE & TDE at L- RT Sta.155+70 +/-;
 ROW Revision #15 - 12/06/2021 - Revised PUE & added TCE at -Y15A- LT Sta.12+00 +/-; Added PUE at -Y15A- LT Sta.13+00 +/-;
 ROW Revision #17 - 02/09/2022 - Revised PUE on Parcel #106.
 ROW Revision #18 - 02/17/2022 - Added Parcel 102Z for added PUE.

PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		RW-14	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		PROJECT SURVEYOR	

MATCHLINE -L- STA. 148+00 SEE SHEET RW-13



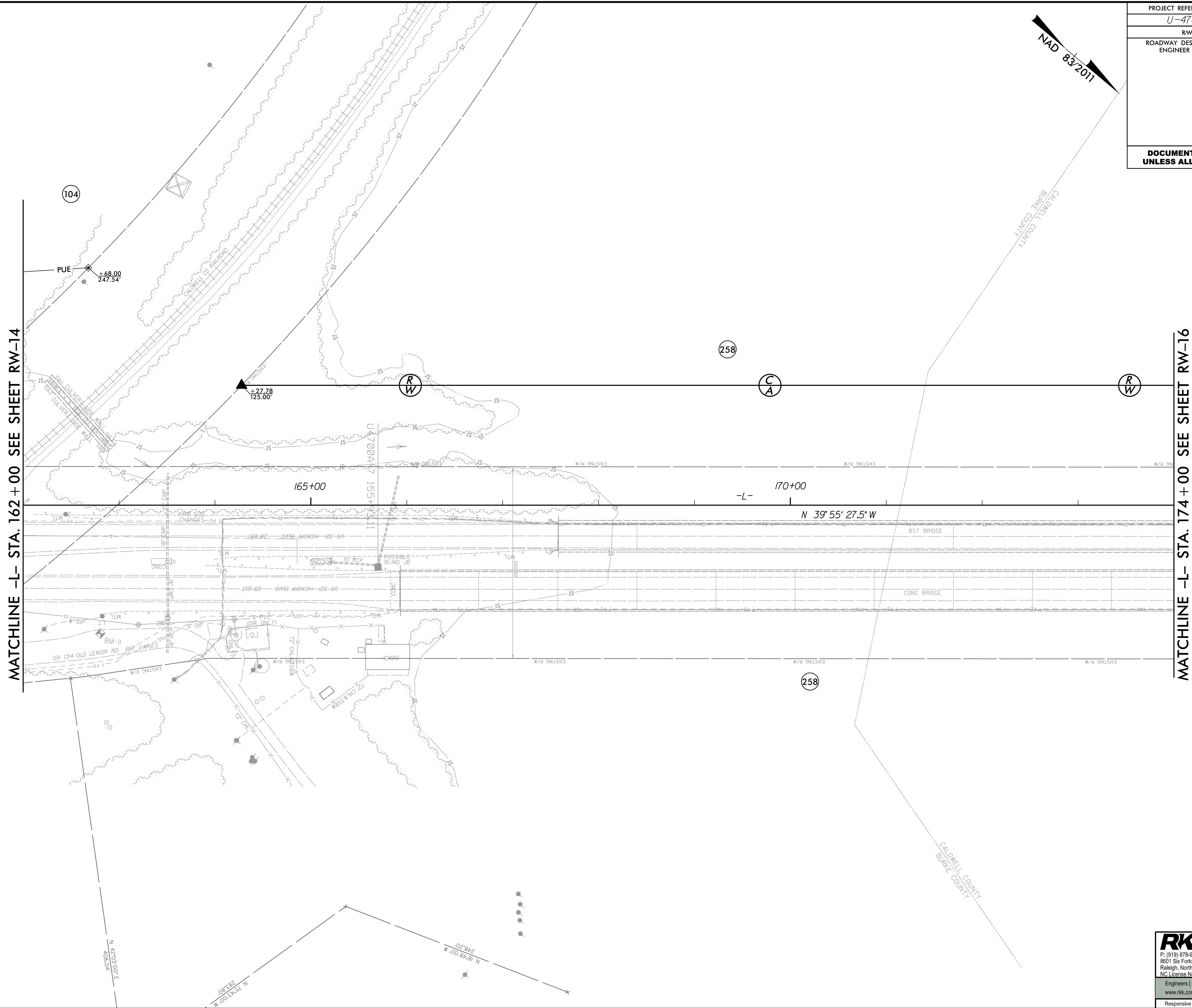
MATCHLINE -L- STA. 162+00 SEE SHEET RW-15



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U-4700A		RW-15	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		PROJECT SURVEYOR	
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REVISIONS

ROW Revision #1 - 12/13/2019 - Parcels #107 & 108 combined into one parcel #108. Revised property owner's name for Parcel #108.

ROW Revision #2 - 01/20/2020 - Added Parcels #253 & #258.

ROW Revision #3 - 01/27/2020 - Changed property owner name on Parcels #111 & #112A.

ROW Revision #6 - 03/02/2020 - Combined Parcels #113, #114, & #115 into one parcel #113.

ROW Revision #7 - 03/17/2020 - Revised property lines & existing ROW on Parcel #113. Revised PUE & ROW on Parcel #13.

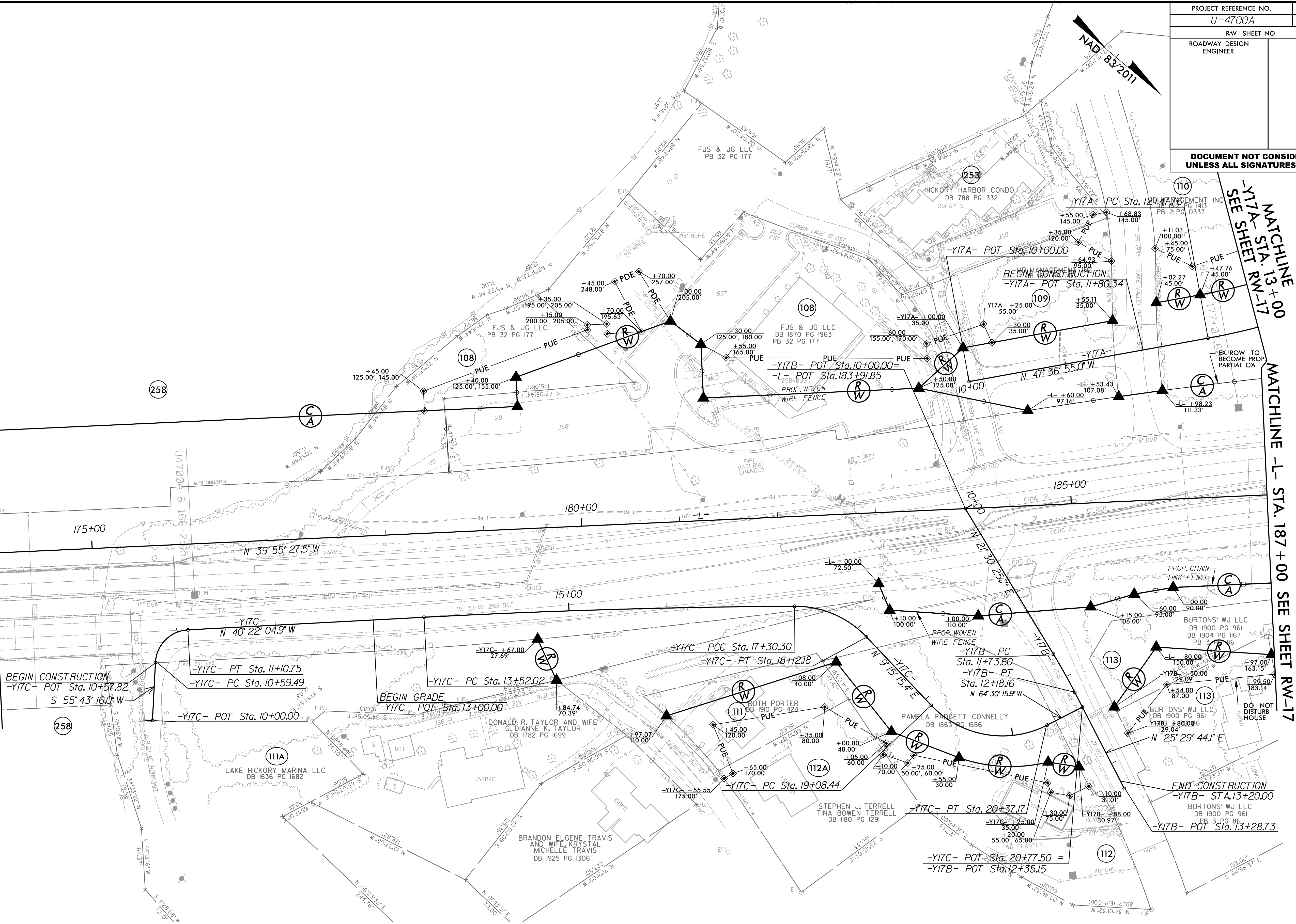
ROW Revision #8 - 04/07/2020 - Revised ROW & PUE on Parcels #12 & #113.

ROW Revision #9 - 08/05/2020 - Added do not disturb note on Parcel #13.

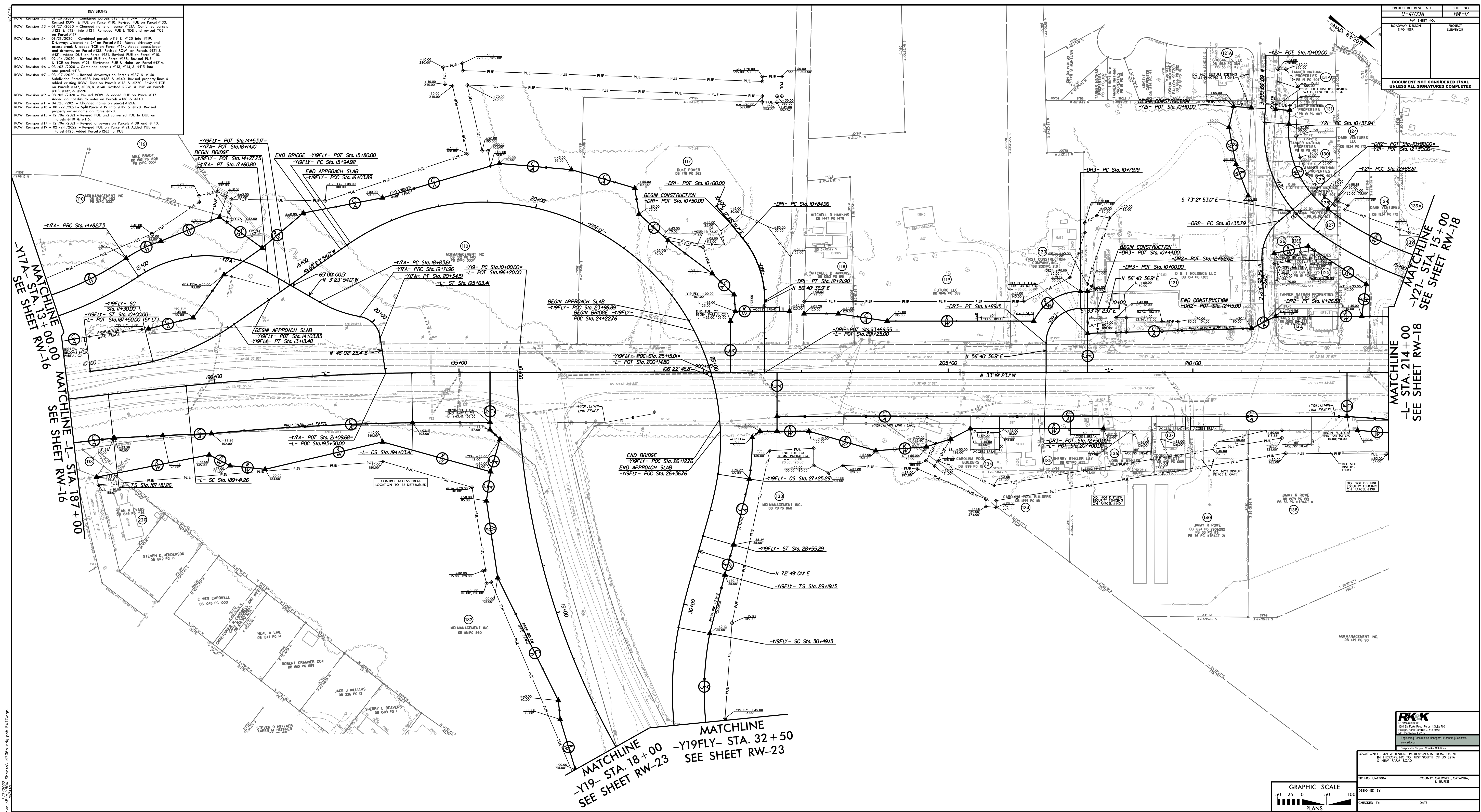
ROW Revision #11 - 04/23/2021 - Changed property owner name on Parcels #111 & #112A.

4/2/2021
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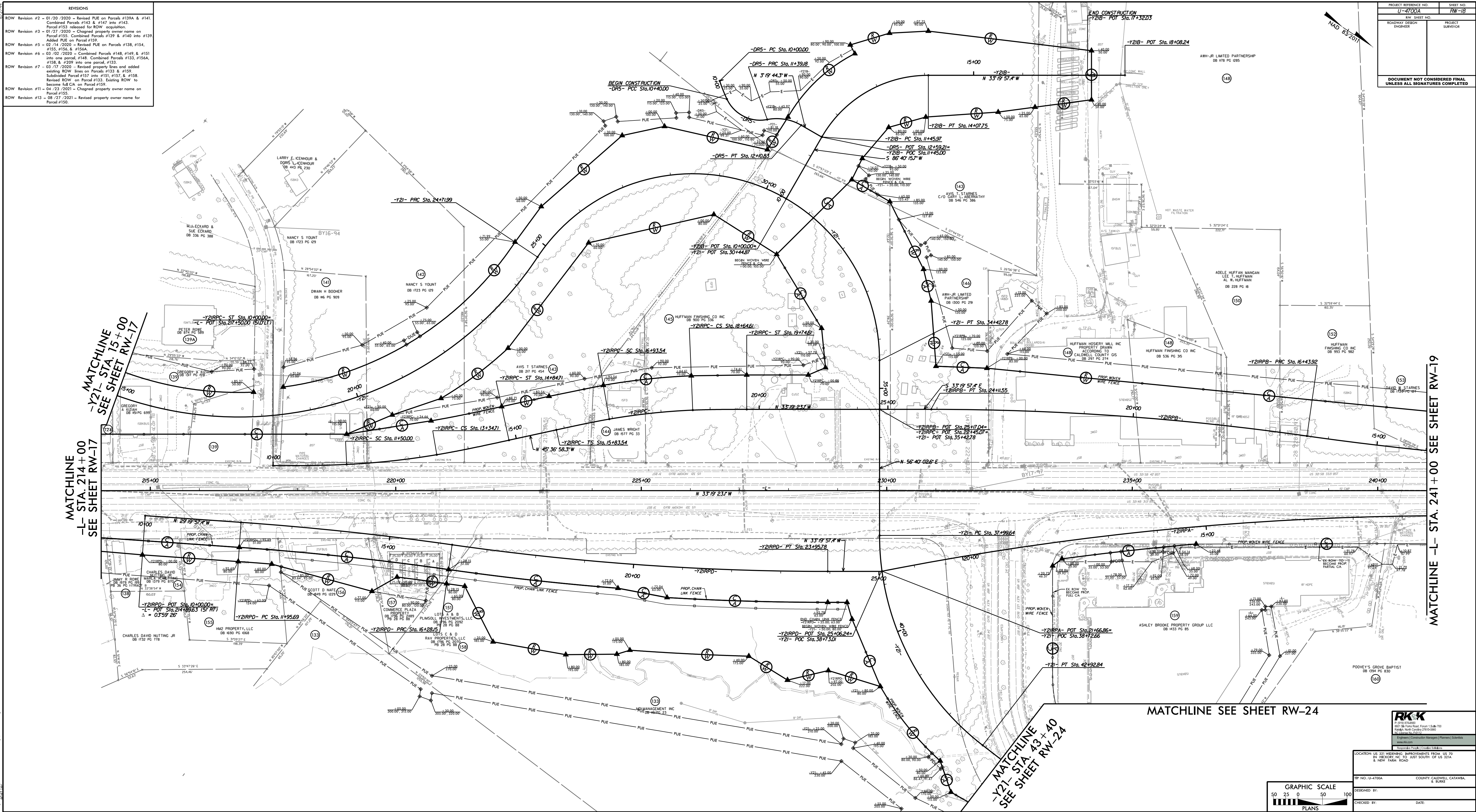
MATCHLINE -L- STA. 174+00 SEE SHEET RW-15



PROJECT REFERENCE NO.		SHEET NO.	
U-4700A		RW-16	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		PROJECT SURVEYOR	



REVISIONS	
ROW Revision #2	- 01/20/2020 - Revised PUE on Parcels #139A & #141. Combined Parcels #143 & #147 into #143. Parcel #153 released for ROW acquisition.
ROW Revision #3	- 01/27/2020 - Changed property owner name on Parcel #155. Combined Parcels #139 & #140 into #139. Added PUE on Parcel #159.
ROW Revision #5	- 01/14/2020 - Revised PUE on Parcels #138, #154, #155, #156, & #158A.
ROW Revision #6	- 03/02/2020 - Combined Parcels #148, #149, & #151 into one parcel, #148. Combined Parcels #133, #156A, #158, & #209 into one parcel, #133.
ROW Revision #7	- 03/17/2020 - Revised property lines and added existing ROW lines on Parcels #133 & #159. Subdivided Parcel #157 into #151, #157, & #158. Revised ROW on Parcel #133. Existing ROW to become full CA on Parcel #159.
ROW Revision #11	- 04/23/2021 - Changed property owner name on Parcel #155.
ROW Revision #13	- 08/27/2021 - Revised property owner name for Parcel #150.



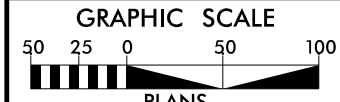
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PROJECT REFERENCE NO.	SHEET NO.
U-4700A	RW-18
REV. SHEET NO.	
ROADWAY DESIGN	PROJECT
ENGINEER	SURVEYOR
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MATCHLINE -L- STA. 241+00 SEE SHEET RW-19

MATCHLINE SEE SHEET RW-24

MATCHLINE -Y21- STA. 43+40 SEE SHEET RW-24



DESIGNED BY:	CHECKED BY:	DATE:

LOCATION: US 137 WIDENING IMPROVEMENTS FROM 105 TO 115 WIDENING TO 120 JUST SOUTH OF US 137A & NEW FARM ROAD

TP NO.: U-4700A COUNTY: CALDWELL, CATAWBA, & BLAKE

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Charlotte, NC 28226
Phone: 704.366.1111
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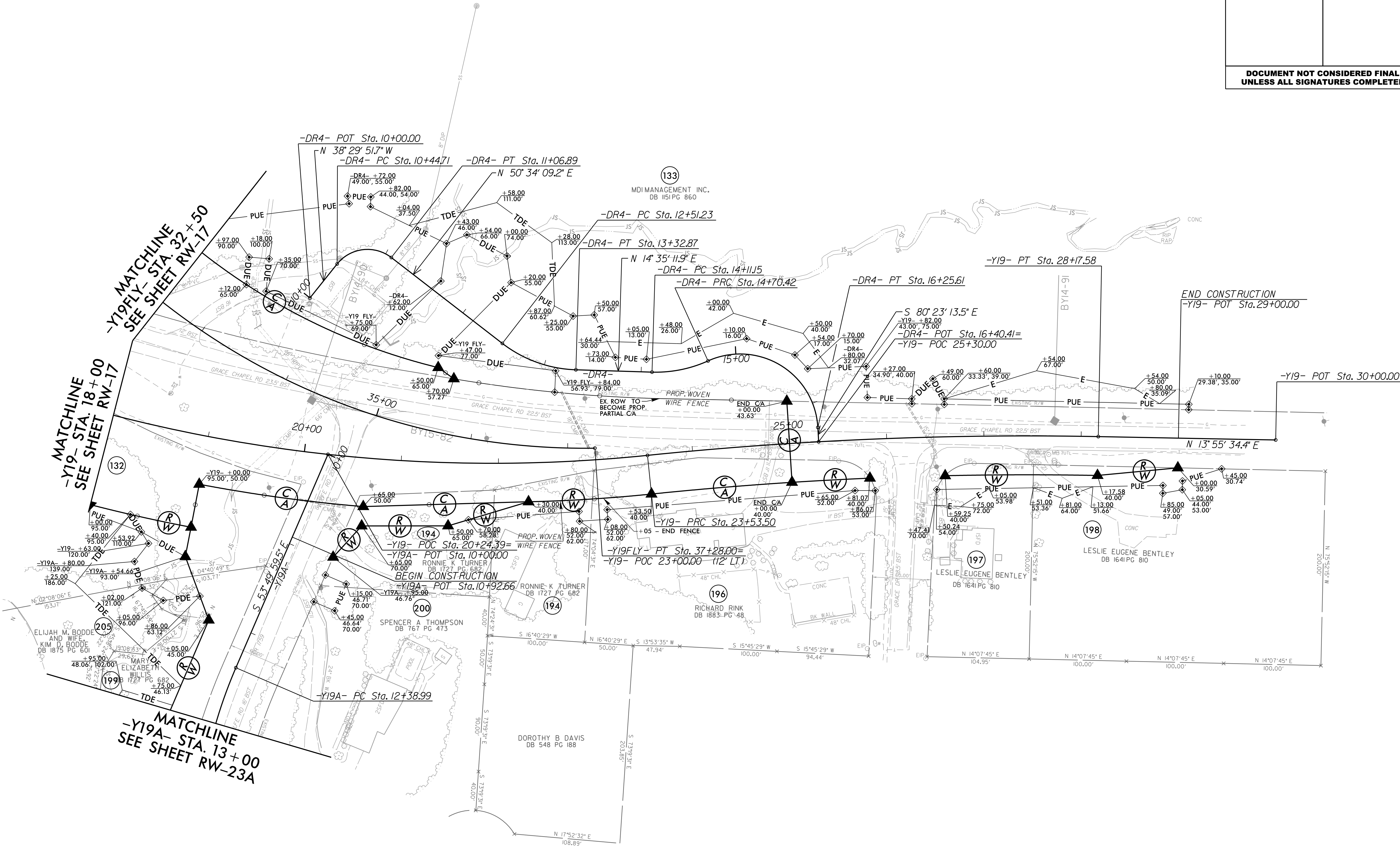
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PROJECT REFERENCE NO.	SHEET NO.
U-4700A	RW-23
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	PROJECT SURVEYOR
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

R/W Revision #2 - 01/20/2020 - Revised PUE, DUE, PDE, TDE, & TCE on Parcel #133. Combined Parcels #194 & #195 into #194.
R/W Revision #3 - 01/27/2020 - Changed property owner name on Parcel #199.
R/W Revision #11 - 04/23/2021 - Changed property owner name on Parcel #199.

4/2/2021
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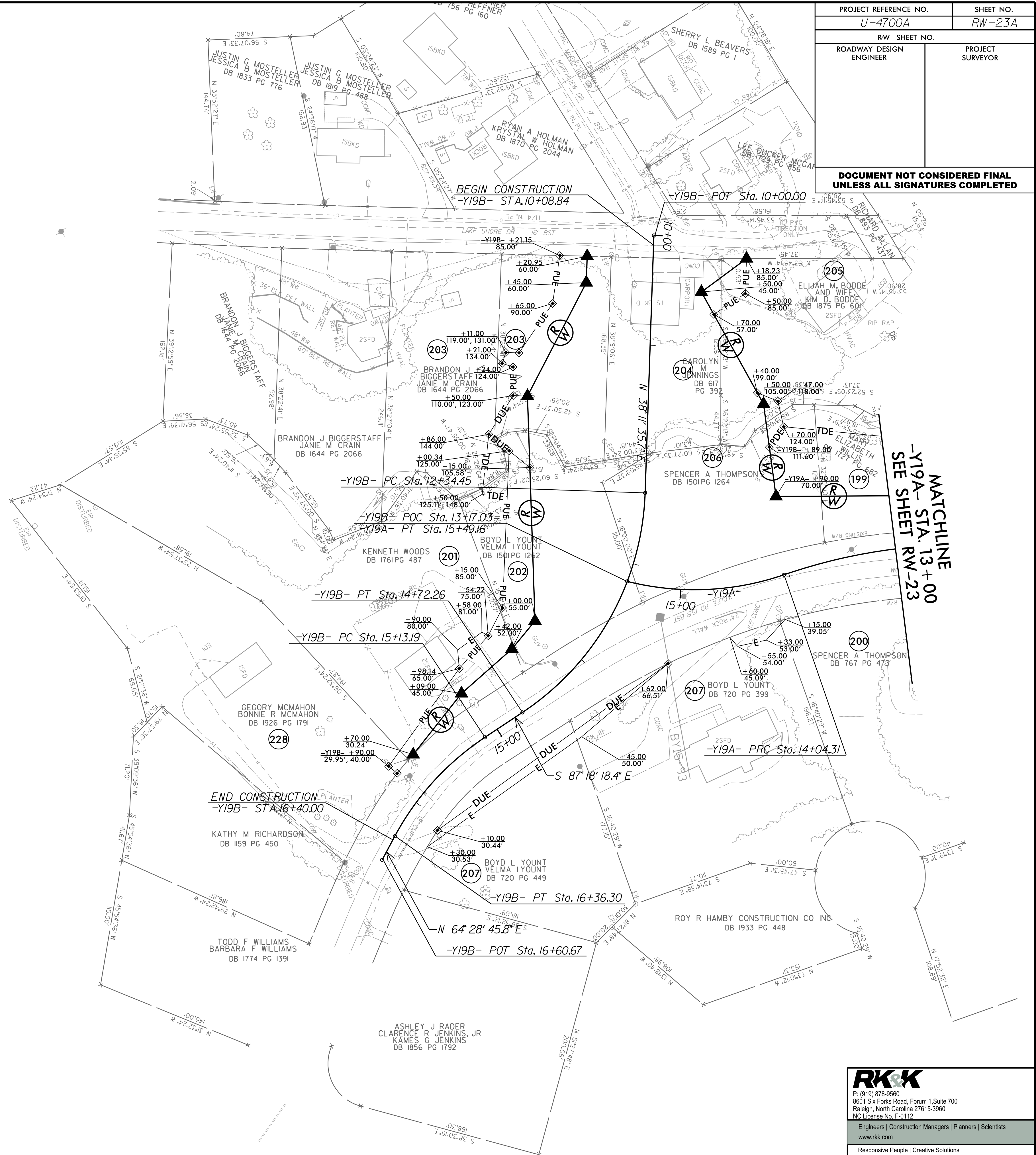
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U-4700A		RW-23A	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



MATCHLINE
-Y19A- STA. 13+00
SEE SHEET RW-23

REVISIONS	
ROW Revision #2	- 01/20/2020 - Combined parcels: *203 & *219 into *203; *207 & *208 into *207.
ROW Revision #3	- 01/27/2020 - Changed owner name on Parcel #99.
ROW Revision #11	- 04/23/2021 - Changed owner name on Parcel #99.
ROW Revision #19	- 02/24/2022 - Revised PUE on Parcel #203.

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